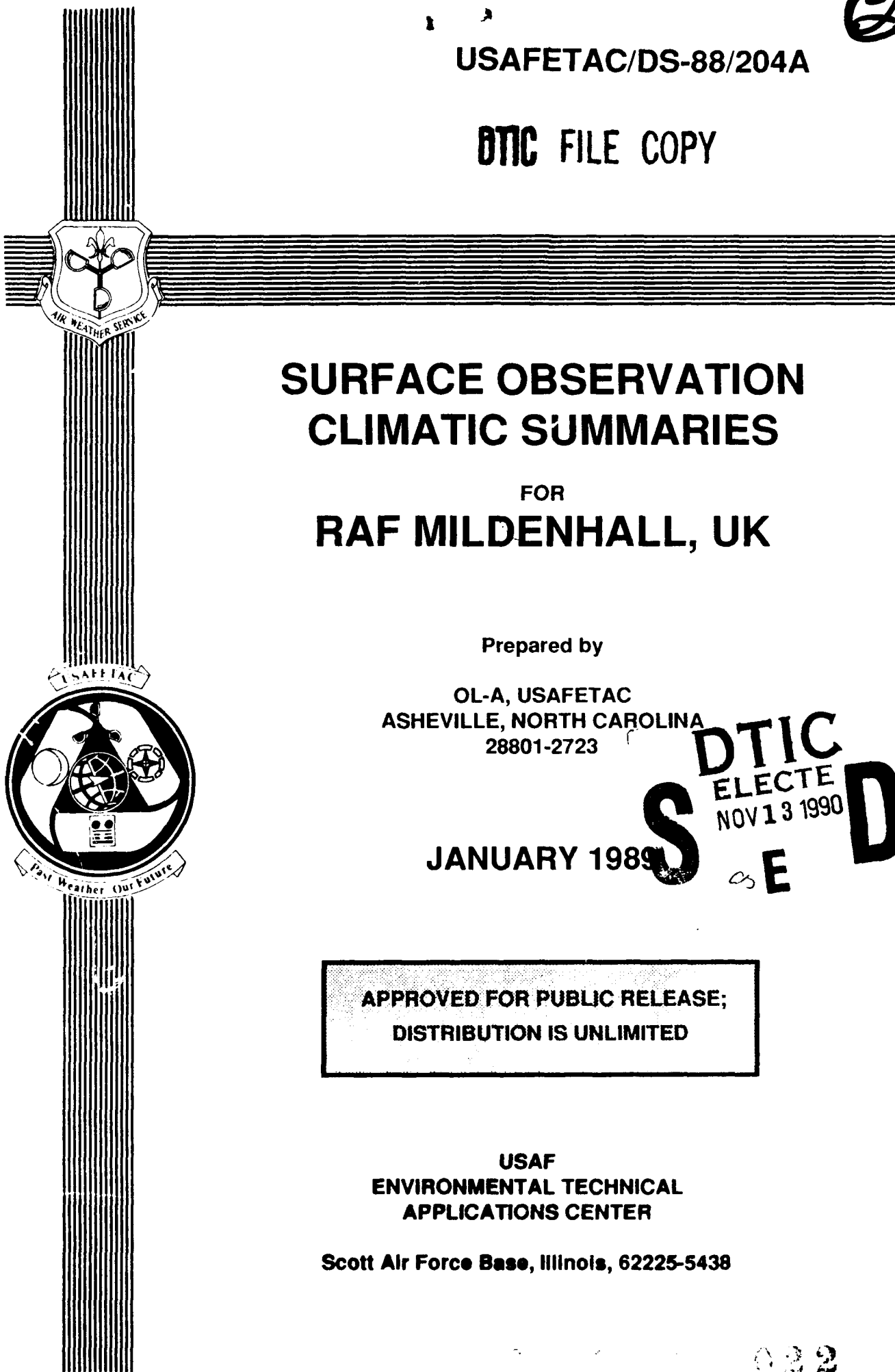


2

USAFETAC/DS-88/204A

DTIC FILE COPY

AD-A229 373



SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR
RAF MILDENHALL, UK

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

JANUARY 1989

DTIC
ELECTE
NOV 13 1990
S E D

**APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED**

**USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER**

Scott Air Force Base, Illinois, 62225-5438

022

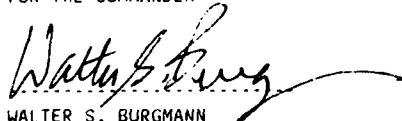
REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-88/204A, SURFACE OBSERVATION CLIMATIC SUMMARIES FOR
RAF MILDENHALL UK, JANUARY 1989, HAS BEEN REVIEWED AND IS APPROVED
FOR PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION
OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL
INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SERVICE
(NTIS).

SIGNED

JOSEPH L. BOYTE
CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER



WALTER S. BURGMANN
SCIENTIFIC AND TECHNICAL INFORMATION
PROGRAM MANAGER

REPORT DOCUMENTATION PAGE

2. REPORT DATE: JANUARY 1989
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, JULY 1950 TO MAY 1988
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RAF MILDENHALL UNITED KINGDOM
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-88/204A
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.

12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.

14. SUBJECT TERMS: CLIMATOLOGY; METEOROLOGICAL DATA; METEOROLOGICAL PHENOMENA; WEATHER; SOCS; ceiling; RAF MILDENHALL UNITED KINGDOM, CEILING, CLOUD COVER; SNOW DEPTH; HUMIDITY; PRESSURE; PRECIPITATION; TEMPERATURE; VISIBILITY; WIND; Barometric Atmospheric

15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL

Great Britain; Airports;
Air force facilities.

DTIC STANDARD FORM 298

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

CONTENTS

INTRODUCTION.....	1
STATION PERIOD OF RECORD.....	1
DATA SOURCES.....	1
TERMS EXPLAINED.....	1
TIME CONVENTIONS.....	2
ABBREVIATIONS.....	2
SUMMARY DESCRIPTIONS.....	2
STATION HISTORY.....	3
PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....	A-1-1
SPECIFIED PHENOMENA	
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....	A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS).....	A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....	A-5-1
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....	B-1-1
PRECIPITATION	
PERCENT OCCURRENCE FREQUENCY.....	B-2-1
MONTHLY TOTALS.....	B-2-2
DAILY EXTREMES.....	B-2-3
SNOWFALL	
PERCENT OCCURRENCE FREQUENCY.....	B-3-1
MONTHLY TOTALS.....	B-3-2
DAILY EXTREMES.....	B-3-3
SNOW DEPTH	
PERCENT OCCURRENCE FREQUENCY.....	B-4-1
DAILY EXTREMES.....	B-4-2
SNOWFALL/SNOW DEPTH	
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....	B-5-1
PART C - SURFACE WIND	
PEAK WINDS (FROM SOD DATA).....	C-2-1
PEAK WINDS--PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	C-3-1
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....	C-4-1
PART D - CEILING, VISIBILITY AND SKY COVER	
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....	D-2-1
SKY COVER--POF (FROM HOURLY OBS).....	D-3-1

PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POB (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY.....	G-2-1
PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JUN 78 - MAR 78 (METAR).

SUMMARY OF DAY DATA: JUL 50 - SEP 54, AUG 56 - MAR 64, DEC 65 - MAY 88 (FULL TIME).

SUMMARY OF DAY DATA: APR 64 - NOV 65 (PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST (EXCEPT 07-24 LST APR 64-NOV 65)

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY 035773	STATION NAME MILDENHALL RAF STN, UK	LATITUDE N 52 2	LONGITUDE E 000 29	FLD ELE (FT) 33	CALL SIGN EGUN	WMO NMBR			
STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Mildenhall RAF Stn, UK	RAF	Jul 50	Mar 54	N 52 22	E 000 28	38	32	24
2	Same	Same	Apr 54	Oct 54	Same	Same	Same	27	24
3	Same	Same	Apr 56	Oct 56	Same	Same	43	59	9
4	Same	Same	Nov 56	Mar 57	Same	Same	Same	Same	24
5	Same	Same	Apr 57	Mar 60	Same	E 000 29	Same	Same	24
6	Same	Same	Apr 60	Mar 64	Same	Same	40	Same	24
7	Same	Same	Apr 64	Nov 65	Same	Same	Same	Same	17- 24
8	Same	Same	Dec 65	Jul 67	Same	Same	Same	Same	24
9	Same	Same	Aug 67	Nov 67	Same	Same	Same	57	24
10	Same	Same	Dec 67	Mar 69	Same	Same	Same	56	24
11	Same	Same	Apr 69	Dec 73	Same	Same	33	Same	24
12	Same	Same	Jan 74	Jan 88	Same	Same	Same	Same	24
SURFACE WIND EQUIPMENT INFORMATION									
Nmbr of Loc	Date of Change	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE			
1	Jul 50	Atop weather stn	AN/GMQ-1	None	35 ft				
2	Apr 54	On twr 10' from wea stn	Same	None	24 ft				
3	May 56	Atop control tower	Same	None	60 ft				
4	Apr 57	Same	Same	Same	70 ft				
5	Apr 58	500 ft N of tower	Same	None	13 ft				
6	Apr 59	1500' E of twr, 500' N of rnwy	AN/GMQ-11	RO-2	15 ft				
7	Apr 60	2655' E of twr, along rnwy 29/11	Same	Same	Same				
8	Apr 69	1. 500' fm ctrlin, 1500' from end of rnwy 29	AN/GMQ-11	Same	13 ft				
		2. 500' fm ctrlin, 150' from end of rnwy 11	AN/GMQ-20	RO-362	13 ft				
9	Jan 71	1. 500' fm ctrlin, 1124' from end of rnwy 29	AN/GMQ-20	RO-362	Same				
		2. 500' fm ctrlin, 1564' from end of rnwy 11	Same	Same	Same				
10	Jan 88	1&2: Same	Same	Same	16 ft				

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		11.1		2.6		13.7	31.2	4.6	.4		49.9	930
03-05		13.2		4.1		17.3	29.6	4.1	.5		51.5	930
06-08		14.8	.1	5.6		20.5	27.6	4.0	.6		52.8	930
09-11		12.6	.3	6.7		19.6	25.4	8.4	.4		53.8	930
12-14		13.4	.2	6.8		20.4	18.6	8.6	.3		48.0	930
15-17		15.8	.1	4.3		20.2	21.5	9.9	.3		51.9	930
18-20		11.0		3.5		14.5	28.7	8.9	.3		52.5	930
21-23		11.3		3.3		14.6	29.9	6.5	.3		51.3	930
ALL HOURS		12.9	.1	4.6		17.6	26.6	6.9	.4		51.5	7440

MONTH: FEB

00-02		10.2	.1	3.4		13.8	33.6	11.5			58.9	849
03-05		11.8		3.4		15.2	35.7	9.3			60.2	849
06-08		10.2		3.5		13.8	36.2	9.2			59.1	849
09-11		8.0		6.6		14.6	28.2	12.2	.1		55.1	849
12-14		8.8		6.1		15.0	16.0	15.3			46.3	849
15-17	.1	11.9		5.2	.1	17.2	14.7	15.4			47.3	849
18-20		11.7		4.0		15.7	21.1	17.6			54.3	849
21-23	.1	9.8	.1	2.5		12.4	27.3	14.7			54.4	849
ALL HOURS	.0	10.5	.0	4.3	.0	14.7	26.6	13.2	.0		54.5	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		15.4		1.4		16.8	27.5	5.7			50.0	930
03-05		16.3		2.3		18.6	30.4	4.7			53.8	930
06-08		16.9		3.0		19.9	31.1	8.9			59.9	930
09-11		18.0		3.3		21.3	19.9	12.3			53.4	930
12-14	.4	19.1		2.3		21.4	8.7	14.1		.1	44.3	930
15-17	.4	18.0		1.0	.1	19.0	7.5	13.2			39.8	930
18-20	.1	16.2		.4		16.7	11.2	12.6			40.4	930
21-23		15.9		.4		16.3	18.1	9.7			44.1	930
ALL HOURS 10.1	.1	17.0 .0	48.2	1.8 7440	.0	18.8	19.3					

MONTH: APR

00-02		13.2		.7		13.9	20.0	7.8			41.7	900
03-05		12.4		.9		13.3	30.9	6.2			50.4	900
06-08		14.7		.8		15.4	30.3	10.9			56.7	900
09-11		12.2		.3		12.6	9.9	13.8			36.2	900
12-14	.6	12.8		.7		13.4	2.4	10.9			26.8	900
15-17	.7	14.4		.3		14.8	1.8	7.6			24.1	900
18-20	.2	14.8		.3		15.1	5.0	11.6			31.7	900
21-23		11.7		1.0		12.7	11.1	12.2			36.0	900
ALL HOURS	.2	13.3		.6		13.9	13.9	10.1			37.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	13.1				13.1	23.4	4.6			41.2	930
03-05	.1	12.7				12.7	36.3	3.9			52.9	930
06-08		14.0		.2		14.2	28.7	9.4			52.3	930
09-11	.2	12.4			.1	12.5	11.0	12.4			35.8	930
12-14	1.5	15.6				15.6	4.4	8.4			28.4	930
15-17	1.7	15.1				15.1	3.7	7.2			25.9	930
18-20	.4	9.6				9.6	8.4	7.7			25.7	930
21-23	.2	11.6		.1		11.7	15.8	5.7			33.	930
ALL HOURS	.6	13.0		.0	.0	13.1	16.5	7.4			36.9	7440

MONTH: JUN

00-02	.8	12.4				12.4	23.9	6.6			42.9	900
03-05	.3	13.1				13.1	36.9	6.1			56.1	900
06-08	.3	11.2				11.2	25.0	10.3			46.6	900
09-11	.3	8.7				8.7	6.3	9.8			24.8	900
12-14	2.0	11.3			.2	11.6	1.3	6.4			19.3	900
15-17	3.2	12.8				12.8	1.4	5.8			20.0	900
18-20	1.2	11.2				11.2	3.8	9.3			24.3	900
21-23	.2	12.2				12.2	11.7	8.4			32.3	900
ALL HOURS	1.1	11.6			.0	11.7	13.8	7.8			33.3	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		8.3				8.3	21.3	7.2			36.8	930
03-05	.3	11.5				11.5	33.8	7.5			52.8	930
06-08	.5	11.0				11.0	21.5	12.4			44.8	930
09-11	.4	10.0				10.0	5.4	11.4			26.8	930
12-14	.6	9.6				9.6	1.2	7.5			18.3	930
15-17	1.0	8.6				8.6	1.3	7.4			17.3	930
18-20	.8	8.7				8.7	3.1	8.4			20.2	930
21-23	.3	9.8				9.8	11.2	8.9			29.9	930
ALL HOURS	.5	9.7				9.7	12.3	8.8			30.9	7440

MONTH: AUG

00-02	.3	7.8				7.8	28.1	7.3			43.2	930
03-05	.5	8.8				8.8	39.4	4.4			52.6	930
06-08		7.8				7.8	32.4	10.5			50.8	930
09-11	.1	8.2				8.2	6.9	13.0			28.1	930
12-14	.8	10.3				10.3	2.3	9.6			22.2	930
15-17	1.7	10.1				10.1	1.3	8.7			20.1	930
18-20	1.5	10.6				10.6	3.7	12.5			26.8	930
21-23	.4	8.7				8.7	13.5	12.5			34.7	930
ALL HOURS	.7	9.1				9.1	15.9	9.8			34.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	6.9				6.9	29.1	8.9			44.9	900
03-05	.1	9.0				9.0	35.3	4.6			48.9	900
06-08		9.9				9.9	33.8	9.9			53.6	900
09-11		8.3				8.3	11.1	14.4			33.9	900
12-14	.2	8.0				8.0	3.1	11.7			22.8	900
15-17	1.3	10.4				10.4	3.6	12.4			26.4	900
18-20	.2	6.9				6.9	8.0	21.0			35.9	900
21-23	.2	6.4				6.4	18.0	16.1			40.6	900
ALL HOURS	.3	8.2				8.2	17.8	12.4			38.4	7200

MONTH: OCT

00-02		13.0				13.0	32.3	5.9			51.2	930
03-05		12.3				12.3	35.8	4.9			53.0	930
06-08		12.0				12.0	35.4	6.0			53.4	930
09-11		11.3				11.3	19.4	12.2			42.8	930
12-14	.2	11.8				11.8	7.3	10.6			29.8	930
15-17	.3	12.2				12.2	7.0	12.9			32.0	930
18-20	.1	14.3				14.3	15.5	13.9			43.7	930
21-23	.2	13.2				13.2	24.2	9.1			46.6	930
ALL HOURS	.1	12.5				12.5	22.1	9.4			44.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		14.0		.6		14.6	26.6	4.1			45.2	900
03-05		14.1		.9		15.0	28.7	2.3			46.0	900
06-08		14.1		1.4		15.6	30.1	2.9			48.6	900
09-11		12.8		1.2		14.0	26.1	8.4			48.6	900
12-14		12.9		.3		13.2	17.2	9.4			39.9	900
15-17		15.4		.3		15.8	16.7	10.1			42.6	900
18-20	.1	11.1				11.1	22.8	7.9			41.8	900
21-23	.1	12.6		.9		13.4	26.8	6.8			47.0	900
ALL HOURS	.0	13.4		.7		14.1	24.4	6.5			44.9	7200

MONTH: DEC

00-02		11.1		1.9		13.0	28.6	3.2			44.8	930
03-05		13.2		2.6		15.8	28.3	3.4			47.5	930
06-08		13.7		1.9		15.6	25.3	3.3			44.2	930
09-11		14.6		1.6		16.2	23.0	7.0			46.2	930
12-14		13.0		1.8		14.8	16.3	9.5		.1	40.8	930
15-17		13.2		2.2		15.4	21.4	6.9			43.7	930
18-20		10.9		2.2		13.0	27.4	4.6			45.1	930
21-23		11.5		1.7		13.2	28.3	4.0			45.5	930
ALL HOURS		12.6		2.0		14.6	24.8	5.2		.0	44.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBFR: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		12.9	.1	4.6		17.6	26.6	6.9	.4		51.5	7440
FEB	.0	10.3	.0	4.3	.0	14.7	26.6	13.2	.0		54.5	6792
MAR	.1	17.0		1.8	.0	18.8	19.3	10.1		.0	48.2	7440
APR	.2	13.3		.6		13.9	13.9	10.1			37.9	7200
MAY	.6	13.0		.0	.0	13.1	16.5	7.4			36.9	7440
JUN	1.1	11.6			.0	11.7	13.8	7.8			33.3	7200
JUL	.5	9.7				9.7	12.3	8.8			30.9	7440
AUG	.7	9.1				9.1	15.9	9.8			34.8	7440
SEP	.3	8.2				8.2	17.8	12.4			38.4	7200
OCT	.1	12.5				12.5	22.1	9.4			44.1	7440
NOV	.0	13.4		.7		14.1	24.4	6.5			44.9	7200
DEC		12.6		2.0		14.6	24.8	5.2		.0	44.7	7440
ANNUAL	.3	12.0	.0	1.2	.0	13.2	19.5	8.9	.0	.0	41.6	87672

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.3	62.3	1.1	20.5	.3	70.3	55.1	66.9	.4		94.5	1116
FEB	.9	54.5	.6	20.7	.7	63.5	57.5	74.5	.6		95.1	1017
MAR	2.3	61.8		13.5	2.1	66.0	50.2	70.0		.2	95.8	1116
APR	3.3	61.9		6.7	2.4	62.4	41.2	66.6			90.8	1080
MAY	9.3	61.8		.9	1.3	61.8	42.5	65.8			89.9	1093
JUN	11.0	55.4		.1	1.0	55.4	41.0	62.3			86.0	1050
JUL	9.3	56.6			.5	56.6	42.8	66.4			87.9	1103
AUG	9.1	56.6			.5	56.6	55.1	70.2			91.9	1116
SEP	4.6	56.1				56.1	54.7	70.5			91.4	1080
OCT	1.7	56.0		.1	.2	56.0	63.8	69.9			93.6	1085
NOV	.6	67.6	.1	4.4	.5	68.5	57.4	65.8	.1		95.6	1080
DEC	.1	63.9	.4	10.9	.4	67.8	59.4	63.8	.2		94.6	1116
ANNUAL	4.4	59.6	.2	6.5	.8	61.8	51.7	67.7	.1	.0	92.3	13052

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM PERIOD OF RECORD: JUN 78 - MAY 88
LST TO UTC: - 0

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02					.2	.8		.3	.2			
03-05					.1	.3	.3	.5	.1			
06-08						.3	.5					
09-11					.2	.3	.4	.1				
12-14			.4	.6	1.5	2.0	.6	.8	.2	.2		
15-17		.1	.4	.7	1.7	3.2	1.0	1.7	1.3	.3		
18-20			.1	.2	.4	1.2	.8	1.5	.2	.1	.1	
21-23		.1			.2	.2	.3	.4	.2	.2	.1	
ALL HOURS		.0	.1	.2	.6	1.1	.5	.7	.3	.1	.0	
TOTAL OBS	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 090	091 - 180	181 - 270	271 - 359	NO OF OBS
TSTMS							
LIQUID PRECIP	2.5	.8	11.5	29.3	41.7	14.3	960
FREEZING PRECIP			14.3	71.4	14.3		7
FROZEN PRECIP	2.9	.4	44.1	20.4	11.8	20.4	245
FOG	21.4		10.1	21.1	30.1	17.2	1977
FOG WITH VIS GE 1/2 MILES	18.7		10.8	22.6	30.9	17.0	1698
TOTAL OBS	586	22	966	1287	3265	1314	0 7440

MONTH: FEB HOURS: ALL

TSTMS			50.0		50.0		2
LIQUID PRECIP	2.4	.4	36.0	21.9	27.4	11.9	700
FREEZING PRECIP			100.0				2
FROZEN PRECIP	5.0	.4	66.4	8.1	2.7	17.4	259
FOG	21.7	.1	25.4	26.0	18.8	8.0	1807
FOG WITH VIS GE 1/2 MILES	20.2	.1	26.2	26.5	18.7	8.2	1673
TOTAL OBS	596	27	1992	1562	1766	849	0 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 090	091 - 180	181 - 270	271 - 359	NO OF OBS
TSTMS				11.1	55.6	33.3	9
LIQUID PRECIP	2.1	.8	16.7	25.3	39.4	15.7	1260
FREEZING PRECIP							
FROZEN PRECIP	7.5		26.3	25.0	8.8	32.5	80
FOG	12.1	.3	15.7	29.9	29.2	12.8	1436
FOG WITH VIS GE 1/2 MILES	11.9	.3	16.5	28.8	30.2	12.4	1355
TOTAL OBS	422	46	1150	1526	3043	1253	0 7440

MONTH: APR HOURS: ALL

TSTMS	15.4			15.4	46.2	23.1	13
LIQUID PRECIP	3.7	.2	30.5	15.6	25.5	24.4	946
FREEZING PRECIP							
FROZEN PRECIP	11.8		35.3	11.8	17.6	23.5	17
FOG	17.0	.2	21.0	21.4	22.2	18.0	1003
FOG WITH VIS GE 1/2 MILES	16.3	.2	21.5	21.2	22.8	18.0	967
TOTL OBS	551	91	1895	1422	1866	1375	0 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 090	091 - 180	181 - 270	271 - 359	NO OF OBS
TSTMS	9.8	2.4	7.3	22.0	43.9	14.6	41
LIQUID PRECIP	3.8	.7	20.3	22.5	33.0	19.6	936
FREEZING PRECIP							
FROZEN PRECIP							
FOG	18.0		31.7	20.7	13.9	15.8	1225
FOG WITH VIS GE 1/2 MILES	16.9		32.5	20.8	13.8	16.0	1175
TOTAL OBS	518	128	1825	1785	2131	1053	0 7440

MONTH: JUN HOURS: ALL

TSTMS	5.3		21.1	13.2	42.1	18.4	76
LIQUID PRECIP	3.2	.4	20.3	18.3	37.1	20.7	787
FREEZING PRECIP							
FROZEN PRECIP							
FOG	18.1		18.0	23.3	24.9	15.7	993
FOG WITH VIS GE 1/2 MILES	16.7		18.5	23.5	25.5	15.8	950
TOTAL OBS	557	144	1275	1172	2545	1509	0 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 090	091 - 180	181 - 270	271 - 359	NO OF OBS
TSTMS	8.1		21.6	10.8	27.0	32.4	37
LIQUID PRECIP	5.0	.9	18.1	14.7	37.3	24.0	695
FREEZING PRECIP							
FROZEN PRECIP							
FOG	24.1	.1	20.5	17.1	23.0	15.1	920
FOG WITH VIS GE 1/2 MILES	23.4	.1	21.0	16.1	24.4	15.0	862
TOTAL OBS	882	150	1212	1008	2402	1786	7440

MONTH: AUG HOURS: ALL

TSTMS	2.0	2.0	32.0	6.0	46.0	12.0	50
LIQUID PRECIP	6.6	.9	10.4	19.2	36.2	26.6	635
FREEZING PRECIP							
FROZEN PRECIP							
FOG	28.6		16.8	22.8	18.4	13.5	1186
FOG WITH VIS GE 1/2 MILES	24.9		17.2	23.9	19.9	14.2	1077
TOTAL OBS	925	140	1059	1153	2690	1473	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 090	091 - 180	181 - 270	271 - 359	NO OF OBS
TSTMS	19.0		4.8	14.3	57.1	4.8	21
LIQUID PRECIP	2.4	.2	7.4	27.0	47.4	15.6	578
FREEZING PRECIP							
FROZEN PRECIP							
FOG	28.4		10.2	24.8	26.6	10.0	1280
FOG WITH VIS GE 1/2 MILES	26.7		10.3	25.4	27.6	10.0	1176
TOTAL OBS	818	48	546	1228	3400	1160	7200

MONTH: OCT HOURS: ALL

TSTMS			25.0		37.5	37.5	8
LIQUID PRECIP	6.8	.4	10.4	26.7	39.2	16.5	932
FREEZING PRECIP							
FROZEN PRECIP							
FOG	33.3		7.3	28.6	22.1	8.7	1645
FOG WITH VIS GE 1/2 MILES	29.9		7.5	29.8	23.6	9.1	1451
TOTAL OBS	1003	14	628	1713	3148	934	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 090	091 - 180	181 - 270	271 - 359	NO OF OBS
TSMS			50.0			50.0	2
LIQUID PRECIP	2.8	.6	16.9	18.9	44.8	15.9	961
FREEZING PRECIP							
FROZEN PRECIP			25.6			74.4	39
FOG	27.0	.1	11.6	27.1	24.3	9.8	1755
FOG WITH VIS GE 1/2 MILES	22.8	.1	12.2	28.5	25.8	10.5	1503
TOTAL OBS	664	32	736	1248	3339	1181	0 7200

MONTH: DEC HOURS: ALL

TSMS							
LIQUID PRECIP	2.2	1.4	8.6	33.2	40.3	14.3	941
FREEZING PRECIP							
FROZEN PRECIP	1.8	1.8	39.4	33.9	.9	22.0	109
FOG	22.8	.3	8.6	25.7	30.4	12.2	1847
FOG WITH VIS GE 1/2 MILES	20.3	.3	9.3	27.1	31.6	11.4	1638
TOTAL OBS	567	52	627	1570	3598	1026	0 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 090	091 - 180	181 - 270	271 - 359	NO OF OBS
TSTMS	6.9	.8	18.5	12.4	42.5	18.9	259
LIQUID PRECIP	3.5	.7	17.3	23.0	37.5	18.0	10331
FREEZING PRECIP			33.3	55.6	11.1		9
FROZEN PRECIP	4.0	.5	48.1	17.4	6.3	23.8	749
FOG	23.0	.1	15.6	24.5	24.1	12.7	17074
FOG WITH VIS GE 1/2 MILES	20.8	.1	16.4	25.1	24.9	12.8	15525
TOTAL OBS	8089	894	13911	16674	33191	14913	0 87672

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRR	TTTTTTTTTTT	BBBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	BBBBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	BBBBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	29.3	35.7	32.4	36.8	37.3	43.9	41.6	42.7	43.7	42.8	30.7	31.6	37.3
TRACE	20.4	22.2	19.8	20.2	19.4	17.6	19.5	16.6	16.0	16.4	17.9	20.3	18.9
.01	6.5	5.8	6.0	4.7	6.0	5.2	4.9	4.8	4.8	4.5	6.2	7.1	5.6
.02-.05	16.2	17.5	14.3	14.1	11.8	11.0	11.0	10.3	10.7	13.4	14.6	14.5	12.9
.06-.10	10.8	8.0	9.9	8.0	7.8	4.7	6.1	7.6	6.5	6.1	10.3	8.5	7.9
.11-.25	11.1	9.6	11.9	10.5	10.8	8.8	9.5	9.8	10.1	8.6	11.0	11.5	10.3
.26-.50	4.4	4.4	4.6	4.9	4.9	5.1	4.4	5.6	5.1	6.1	7.5	4.9	5.2
.51-1.00	1.3	1.1	1.2	.8	1.6	3.1	2.5	2.1	2.7	1.7	1.3	1.4	1.7
1.01-2.50	.1	.1		.1	.3	.6	.5	.4	.4	.6	.5	.1	.3
2.51-5.00													
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	50.3	42.0	47.8	43.1	43.3	38.5	38.8	40.6	40.3	40.8	51.4	48.0	43.8
TOTAL NO. OF OBSERVATIONS	1113	1016	1115	1080	1093	1049	1100	1112	1078	1085	1076	1116	13033

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							1.56*	2.37	2.72	.54	4.30	1.05	12.54*
51	2.21	2.70	3.52	3.38	2.29	1.42	.84	2.50	2.11	.90	2.31	1.22	25.40
52	1.18	.44	1.77	1.68	1.39	1.26	.64	1.83	1.88	2.48	2.50	1.20	18.25
53	.65	.76	.28	1.10	.50	2.15	2.94	1.43	.81	1.78	1.19	.48	14.07
54	.84	1.56	2.39	.34	2.19	1.54	2.72	3.63	1.24				16.45*
56											.58	2.74	3.32*
57	1.43	2.38	1.63	.07	.93	2.19	2.54	2.04	3.81	.94	.69	1.36	20.01
58	1.23	3.51	.60	.54	4.49	3.70	3.25	2.28	2.72	1.54	2.23	2.58	28.67
59	2.43	.10	1.70	2.16	.90	.91	3.72	.78	.07	1.82	1.53	2.95	19.07
60	2.37	.85	1.31	.48	.05*	2.84	3.02	2.37	2.73	3.98	3.35	2.01	25.36*
61	1.99	1.60	.30	1.39	.85	1.02	1.78	1.91	2.37	2.01	1.41	2.83	19.46
62	1.64	.50	1.14	1.84	1.94	.03	2.24	1.72	3.53	1.22	1.08	1.34	18.22
63	.98	.79	1.86	1.32	1.92	1.73	1.84	3.37	1.64	1.32	2.05	.51	19.33
64	1.24	1.30	2.27	1.89	1.06	3.96	1.78	1.67	.54	1.37	1.01	1.91	20.00
65	1.86	.55	2.22	1.63	1.30*	2.83	3.00	1.81	2.66	.40	1.60	3.21	23.07*
66	.72	1.84	.57	2.02	1.28	2.58	3.37	3.13	1.00	3.43	1.80	2.87	24.61
67	.68	1.39	.84	2.37	3.67	.83	1.44	1.29	1.51	3.64	1.85	1.35	20.86
68	1.35	.61	.72	1.20	1.17	3.17	3.16	3.57	4.96	2.66	1.15	1.19	24.91
69	1.63	2.49	1.58	1.44	3.11	1.57	2.35	1.51	.04	.17	2.65	2.00	20.54
70	1.96	1.95	1.22	2.12	.99	.79	1.91	1.31	1.45	1.18	5.24	1.80	21.92
71	3.74	.52	.85	.87	1.69	3.37	1.31	1.62	.49	2.63	2.74	.77	20.60
72	2.14	1.41	1.62	1.77	1.23	.81	1.04	.97	.90	.10	2.21	1.28	15.48
73	.41	.84	.62	2.02	2.45	2.57	3.05	.60	3.54	1.15	1.25	1.31	19.81
74	1.66	2.29	.82	.52	.74	2.88	1.71	2.31	3.25	4.37	4.56	1.07	26.18
75	2.08	.79	3.38	2.39	1.88	1.63	1.68	.26	3.89	.40	2.00	1.33	21.71
76	2.28	.92	.65	.61	2.22	.55	.38	1.43	2.79	4.53	3.40	2.24	22.00
77	2.83	3.51	2.48	2.24	1.99	2.09	.63	5.15	.91	.90	2.72	3.43	28.88
78	3.38	3.05	3.02	1.77	2.90	2.49	2.47	2.24	1.66	.45	1.35	3.75	28.53
79	1.66	1.97	3.29	1.43	3.02	1.44	.88	2.27	.81	1.40	2.08	3.72	23.97
80	1.69	3.08	3.22	.92	.59	3.58	4.23	2.78	1.05	1.98	2.09	1.44	26.65

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1.14	.41	3.42	2.25	2.72	.62	1.47	1.77	2.63	4.08	1.32	1.38	23.21
82	1.54	.73	2.30	.39	2.97	4.52	1.09	2.05	2.52	4.85	2.84	1.51	27.31
83	1.24	2.24	1.19	3.36	4.46	1.31	.80	.93	2.68	1.36	1.67	1.21	22.45
84	2.60	1.24	.98	.39	2.00	3.01	.86	1.48	3.76	1.37	2.72	1.56	21.97
85	1.72	.42	1.46	1.55	1.57	2.53	1.33	1.60	.52	.43	1.37	2.40	16.90
86	1.67	.34	1.86	2.13	1.62	1.19	2.60	3.30	1.10	2.59	2.41	2.28	25.89
87	.92	1.38	2.08	1.92	2.51	3.08	2.51	3.86	1.26	4.46	2.03	1.17	27.18
88	3.61	1.11	2.58	1.27	1.66								10.23*
LEAST	.41	.10	.28	.07	.50	.03	.38	.26	.04	.10	.58	.48	14.07
GREATEST	3.74	3.51	3.52	3.38	4.49	4.52	4.23	5.15	4.96	4.85	5.24	3.75	28.88
MEAN	1.74	1.43	1.71	1.52	1.97	2.06	2.02	2.09	1.99	1.95	2.15	1.84	22.23
MEDIAN	1.66	1.27	1.63	1.59	1.90	2.09	1.84	1.87	1.77	1.40	2.04	1.48	21.95
SD	.808	.953	.959	.805	1.020	1.105	.998	1.014	1.230	1.409	1.047	.880	3.855
TOTAL OBS	1113	1016	1115	1080	1093	1049	1100	1112	1078	1085	1076	1116	13033

THE GREATEST VALUE OF 5.24 OCCURRED ON 11/70

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							.63*	.46	.72	.16	.99	.35	.99*
51	.42	.43	.56	.53	.52	.76	.35	.48	.62	.27	.46	.30	.76
52	.14	.13	.53	1.10	.35	.76	.32	.41	.42	.86	.43	.27	1.10
53	.16	.24	.12	.21	.19	.80	.62	.35	.18	.80	.39	.22	.80
54	.26	.43	.58	.13	.52	.63	.73	.76	.34				.76*
56											.18	.93	.93*
57	.73	.65	.25	.02	.25	.85	1.18	.77	.96	.33	.41	.64	1.18
58	.36	1.33	.29	.27	2.30	1.09	.94	.53	.68	.50	1.40	.45	2.30
59	.56	.07	.35	.47	.63	.17	2.20	.25	.07	.87	.33	.76	2.20
60	.46	.23	.76	.13	.05*	1.63	.73	.72	.49	.55	1.12	.68	1.63*
61	.29	.41	.18	.25	.41	.46	.49	.38	.42	.34	.41	.65	.65
62	.30	.10	.31	.31	.67	.03	.82	.43	.61	.55	.74	.32	.82
63	.37	.22	.35	.30	.60	.58	.99	.95	.58	.39	.35	.23	.99
64	.44	.55	.76	.50	.28	.80	.55	.79	.18	.22	.31	.74	.80
65	.51	.12	.57	.43	.42*	.65	.89	.43	.58	.15	.29	.56	.89*
66	.14	.38	.24	.29	.28	1.07	.86	1.76	.59	1.14	.23	.56	1.76
67	.13	.33	.38	.57	.79	.69	.68	.35	.45	.68	.46	.28	.79
68	.41	.26	.21	.30	.30	.89	.89	.56	1.54	1.53	.27	.42	1.54
69	.37	.95	.31	.32	1.32	.62	1.38	.39	.02	.10	.63	.48	1.38
70	.46	.42	.33	.38	.44	.35	.50	.46	.60	.32	1.12	.35	1.12
71	1.38	.18	.37	.44	.69	1.17	.83	.45	.17	.75	.51	.21	1.38
72	.64	.34	.36	.44	.22	.33	.21	.49	.31	.02	.76	.40	.76
73	.14	.39	.18	.44	.40	.90	1.27	.21	.59	.28	.27	.29	1.27
74	.31	.58	.19	.31	.11	.89	.49	.57	.72	.66	1.24	.36	1.24
75	.59	.24	.53	.41	.46	1.11	.65	.09	1.94	.10	.51	.47	1.94
76	.82	.49	.34	.27	.65	.47	.15	.63	.57	1.20	1.29	.38	1.29
77	.52	.57	.36	.53	.40	.68	.33	1.07	.56	.20	.42	1.32	1.32
78	.94	.75	.82	.48	2.04	.60	.66	.45	.60	.12	.36	.68	2.04
79	.28	.55	.51	.28	.46	.41	.45	.59	.25	.41	.45	.79	.79
80	.62	.62	.70	.40	.36	.94	.95	.83	.46	.46	.40	.49	.95

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.20	.12	.65	.62	.49	.24	.50	1.52	.39	1.52	.30	.38	1.52
82	.43	.18	.42	.09	.88	.76	.63	.57	.80	1.11	.50	.64	1.11
83	.29	.85	.26	.64	.79	.70	.50	.69	.58	.31	.58	.30	.85
84	.51	.47	.13	.12	.51	1.36	.43	.46	1.12	.49	.83	.31	1.36
85	.32	.37	.21	.40	.45	.36	.42	.27	.14	.17	.30	.71	.71
86	.27	.12	.29	.40	.29	.39	1.35	.98	.86	.44	.28	.47	1.35
87	.49	.34	.61	.53	.63	.46	.74	2.28	.22	1.13	.58	.29	2.28
88	.73	.35	.42	.31	.41								.73*

GREATEST	1.38	1.33	.82	1.10	2.30	1.63	2.20	2.28	1.94	1.53	1.40	1.32	2.30
TOTAL OBS	1113	1016	1115	1080	1093	1049	1100	1112	1078	1085	1076	1116	13033

THE GREATEST VALUE OF 2.30 OCCURRED ON 05/05/58

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAM: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	79.4	79.1	85.7	93.4	99.2	99.9	100.0	100.0	100.0	99.9	95.2	88.6	93.3
TRACE	13.2	13.3	11.5	5.7	.8	.1				.1	3.5	6.9	4.7
0.1-0.4	3.0	3.7	1.1	.4							.5	2.3	.9
0.5-1.4	3.0	2.2	1.2	.4							.4	1.3	.7
1.5-2.4	.8	.9	.3	.1							.1	.7	.2
2.5-3.4	.3	.1	.1								.1	.1	.1
3.5-4.4	.1	.2	.1								.1		.0
4.5-6.4	.2	.3	.1									.1	.1
6.5-10.4	.1	.1									.1		.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	7.4	7.6	2.8	.9							1.3	4.5	2.0
TOTAL NO. OF OBSERVATIONS	1080	988	1115	1050	1079	990	1041	1054	1020	1023	1021	1085	12546

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							.0*	.0	.0	.0	.0	3.5	3.5*
51	1.8	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8
52	TRACE	.2	1.7	TRACE	.0	.0	.0	.0	.0	.0	.8	1.0	3.7
53	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
54	1.8	TRACE	6.2	TRACE	.0	.0	.0	.0	.0				8.0*
56											TRACE	1.6	1.6*
57	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	TRACE	14.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	14.5
59	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.4
60	5.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.4
61	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.9	6.9
62	1.8	1.2	.5	TRACE	.0	.0	.0	.0	.0	.0	.3	2.9	6.7
63	5.7	7.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	12.8
64	2.4	.8	.3	*	*	*	*	*	*	*	*	*	3.5*
65	*	*	4.0	TRACE	.0*	*	*	*	*	*	TRACE*	TRACE	4.0*
66	.7*	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.7*
67	2.2	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	3.4
68	5.7	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.4	9.1
69	TRACE	13.8	.1	TRACE	.0	.0	.0	.0	.0	.0	6.7	3.4	24.0
70	1.0	6.2	2.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.4	11.9
71	.2	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	1.0	.2	1.7
72	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
73	.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	.0	.7
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.1	.1
75	.5	.0	4.2	2.3	.0	TRACE	.0	.0	.0	.0	.0	.0	7.0
76	10.0	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.1	11.9
77	2.6	.2	3.2	.8	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.8
78	3.4	8.3	3.6	1.9	.0	.0	.0	.0	.0	.0	3.0	1.5	21.7
79	10.7	4.7	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.4	17.8
80	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	6.8	.5	7.4

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1.0	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	8.2	9.4
82	.7	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
83	.4	2.3	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
84	5.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.2
85	8.1	3.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	13.3
86	TRACE	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	2.0
87	3.2	2.2	.4	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.0	5.8
88	3.6	6.3	.6	TRACE	.0								10.5*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
GREATEST	10.7	14.4	6.2	2.3	TRACE	TRACE	.0	.0	.0	TRACE	6.8	8.2	24.0
MEAN	2.4	2.2	.8	.2	TRACE	TRACE	.0	.0	.0	TRACE	.6	1.2	7.1
MEDIAN	1.6	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	6.4
SD	2.888	3762	1.547	.515	.000	.000	.000	.000	.000	.000	1.662	1.968	6.299
TOTAL OBS	1080	988	1115	1050	1079	990	1041	1054	1020	1023	1021	1085	12546

THE GREATEST VALUE OF 14.4 OCCURRED ON 02/58

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							.0*	.0	.0	.0	.0	2.1	2.1*
51	1.8	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8
52	TRACE	.2	1.0	TRACE	.0	.0	.0	.0	.0	.0	.8	1.0	1.0
53	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
54	1.2	TRACE	5.0	TRACE	.0	.0	.0	.0	.0				5.0*
56											TRACE	1.6	1.6*
57	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	TRACE	6.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	6.3
59	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
60	4.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.7
61	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.3
62	1.6	.8	.5	TRACE	.0	.0	.0	.0	.0	.0	.3	1.8	1.8
63	1.4	2.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	2.2
64	2.1	.8	.3	*	*	*	*	*	*	*	*	*	2.1*
65	*	*	1.4	TRACE	.0*	*	*	*	*	*	TRACE*	TRACE	1.4*
66	.5*	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.5*
67	1.0	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	1.0
68	5.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.4	5.2
69	TRACE	6.5	.1	TRACE	.0	.0	.0	.0	.0	.0	6.5	2.0	6.5
70	.6	3.5	1.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.8	3.5
71	.2	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.7	.1	.7
72	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
73	.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	.0	.5
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.1	.1
75	.5	.0	1.5	1.0	.0	TRACE	.0	.0	.0	.0	.0	.0	1.5
76	8.2	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.2
77	1.0	.2	3.2	.5	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.2
78	2.0	5.0	3.6	1.6	.0	.0	.0	.0	.0	.0	3.0	1.1	5.0
79	6.0	2.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.4	6.0
80	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	3.9	.4	3.9

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.5	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.7	2.7
82	.4	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
83	.4	1.3	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3
84	3.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.0
85	3.4	2.5	1.0	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	3.4
86	TRACE	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	1.0
87	2.2	1.0	.3	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.0	2.2
88	3.6	3.5	.5	TRACE	.0								3.6*

GREATEST	8.2	6.5	5.0	1.6	TRACE	TRACE	.0	.0	.0	TRACE	6.5	5.5	8.2
TOTAL OBS	1080	988	1115	1050	1079	990	1041	1054	1020	1023	1021	1085	12546

THE GREATEST VALUE OF 8.2 OCCURRED ON 01/25/76

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409, 5611-8805
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	85.4	86.8	98.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	98.2	93.5	96.8
TRACE	6.5	7.8	1.4	.1							1.0	3.3	1.6
1	5.1	2.9	.3								.2	2.1	.9
2	1.1	1.0	.2	.1							.2	.7	.3
3	.9	.7									.2	.5	.2
4-6	1.0	.9	.1								.3	.1	.2
7-12	.1												.0
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	8.2	5.4	.5	.1							.9	3.1	1.5
TOTAL NO. OF OBSERVATIONS	1113	1017	1111	1080	1110	1050	1103	1116	1080	1085	1048	1116	13029

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							0*	0	0	0	0	1	1*
51	2	0	0	0	0	0	0	0	0	0	0	0	2
52	TRACE	TRACE	2	2	0	0	0	0	0	0	TRACE	TRACE	2
53	1	1	0	0	0	0	0	0	0	0	0	0	1
54	1	TRACE	TRACE	0	0	0	0	0	0				1*
56											0	1	1*
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	TRACE	6	0	0	0	0	0	0	0	0	0	TRACE	6
59	1	0	0	0	0	0	0	0	0	0	0	0	1
60	3	0	0	0	0	0	0	0	0	0	0	0	3
61	0	0	0	0	0	0	0	0	0	0	0	2	2
62	5	1	0	0	0	0	0	0	0	0	TRACE	2	5
63	1	3	TRACE	0	0	0	0	0	0	0	0	TRACE	3
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0*	0	0	0	0	0	0*	0	0*
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	2	2
69	TRACE	6	0	0	0	0	0	0	0	0	6	3	6
70	TRACE	3	1	0	0	0	0	0	0	0	0	1	3
71	0	0	0*	0	0	0	0	0	0	0	1	0	1*
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	1	TRACE	1
74	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
75	TRACE	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
76	7	2	0	0	0	0	0	0	0	0	0	TRACE	7
77	1	TRACE	TRACE	0	0	0	0	0	0	0	0	0	1
78	1	3	4	0	0	0	0	0	0	0	5	1	4
79	5	5	0	0	0	0	0	0	0	0	0	0	5
80	TRACE	0	0	0	0	0	0	0	0	0	4	2	4

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5611-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	0	0	0	0	0	0	0	0	0	0	4	4
82	1	0	0	0	0	0	0	0	0	0	0	0	1
83	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
84	3	0	0	TRACE	0	0	0	0	0	0	0	0	3
85	2	1	2	0	0	0	0	0	0	0	TRACE	TRACE	2
86	0	1	TRACE	0	0	0	0	0	0	0	0	TRACE	1
87	2	TRACE	TRACE	0	0	0	0	0	0	0	0	0	2
88	1	1	0	0	0								1*

GREATEST	7	6	4	2	0	0	0	0	0	0	0	6	4	7
----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TOTAL OBS	1113	1017	1111	1080	1110	1050	1103	1116	1080	1085	1048	1116	13029
-----------	------	------	------	------	------	------	------	------	------	------	------	------	-------

THE GREATEST VALUE OF 7 OCCURRED ON 01/26/76

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM

PERIOD OF RECORD: 5007-5409,5611-8805

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
50 - 51	DEC 03	DEC 03	DEC 05	APR 28	JAN 01	JAN 03
51 - 52	DEC 10	FEB 14	MAR 30	APR 01	MAR 30	APR 01
52 - 53	NOV 18	NOV 28	JAN 06	FEB 15	FEB 14	FEB 14
53 - 54	JAN 03	JAN 06	JAN 07	APR 05	MAR 03	JAN 08
56 - 57	NOV 29	DEC 26	DEC 26	FEB 23	DEC 26	DEC 26
57 - 58	JAN 19	FEB 07	FEB 25	APR 09	FEB 26	FEB 27
58 - 59	DEC 09	DEC 10	JAN 10	JAN 12	JAN 11	JAN 10
59 - 60	NOV 10	JAN 13	JAN 14	FEB 19	FEB 12	JAN 16
60 - 61	DEC 12			MAR 20		
61 - 62	DEC 05	DEC 29	DEC 29	APR 14	MAR 04	FEB 26
62 - 63	NOV 16	NOV 20	DEC 13	APR 06	FEB 23	FEB 25
63 - 64	DEC 13	DEC 18		MAR 30	MAR 07	
64 - 65	MAR 01	MAR 01		APR 19	MAR 21	
65 - 66	NOV 27	JAN 14		APR 16	JAN 15	
66 - 67	DEC 03	JAN 05		MAY 02	JAN 07	
67 - 68	DEC 09	DEC 09		APR 03	JAN 12	
68 - 69	NOV 17	DEC 27	DEC 28	APR 19	MAR 03	FEB 19
69 - 70	NOV 24	NOV 28	NOV 29	APR 08	MAR 07	MAR 07
70 - 71	NOV 15	DEC 24	DEC 26	MAR 06	MAR 01	DEC 27
71 - 72	NOV 09	NOV 19	NOV 22	MAR 28	FEB 01	NOV 22
72 - 73	JAN 20	JAN 20		APR 19	JAN 20	
73 - 74	NOV 28	NOV 28	NOV 29	MAR 09	NOV 28	NOV 29
74 - 75	OCT 07	DEC 11		JUN 02	APR 09	
75 - 76	JAN 24	JAN 24	JAN 25	MAR 09	MAR 09	FEB 05
76 - 77	DEC 17	DEC 17	JAN 11	APR 09	APR 09	JAN 11
77 - 78	NOV 17	JAN 11	JAN 17	APR 15	APR 15	MAR 16
78 - 79	NOV 27	NOV 28	NOV 28	MAY 05	FEB 16	FEB 20
79 - 80	DEC 19	DEC 19		MAR 19	JAN 14	
80 - 81	NOV 07	NOV 07	NOV 29	APR 25	FEB 28	DEC 01

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 055773

STATION NAME: RAF MILDENHALL UNITED KINGDOM

PERIOD OF RECORD: 5007-5409,5611-8805
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
81 - 82	DEC 08	DEC 08	DEC 08	APR 13	JAN 27	JAN 16
82 - 83	DEC 23	JAN 31		APR 18	APR 02	
83 - 84	DEC 11	JAN 22	JAN 22	APR 16	JAN 24	JAN 26
84 - 85	JAN 01	JAN 02	JAN 05	APR 27	MAR 20	MAR 17
85 - 86	NOV 10	NOV 28	FEB 06	APR 17	FEB 20	FEB 06
86 - 87	DEC 21	DEC 22	JAN 12	MAY 15	MAR 18	JAN 16
87 - 88	NOV 23	JAN 22	JAN 22	APR 09	MAR 05	FEB 11

MEDIAN-DATE	DEC 04	DEC 24	JAN 05	APR 09	FEB 26	JAN 31
-------------	--------	--------	--------	--------	--------	--------

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3 HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS)
THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.
IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED:
WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5808-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
58								S *22	SW 33	WNW 34	E 28	SW 33	WNW*34
59	W 41	W 28	WSW 32	WSW 34	W 28	SSW 27	W 33	SW 24	WSW 27	W 40	SSE 39	WSW 36	W 41
60	W 42	WSW 33	W 34	WSW 40	NW *23	WSW 32	SW 33	W 23	NW *33	NW 25	SW 41	W 44	W *44
61	SSW 39	WSW 45	NW 30	WSW 30	WSW 30	S 24	WSW 31	WSW 42	SW 33	NNW 42	SW 40	WSW 56	WSW 56
62	WSW 50	W 47	W 36	SW 41	W 41	WSW 37	W 31	SSW 35	S 38	WSW 39	N 36	WNW 53	WNW 53
63	E 47	SE 30	SW 42	SSE 34	W 33	WSW 30	SW 26	W 31	SW 31	SSW 28	WSW 46	S 27	E 47
64	W 30	W 28	ESE 29	*	*	*	*	*	*	*	*	*	W *30
65	*	WNW 31	ENE*30	*	*	*	*	*	*	*	WNW*51	W 50	WNW*51
66	W 36	SSW 36	W 54	NNE 29	SW 38	WNW 38	W 32	WSW 42	WSW 38	S 33	W 55	WSW 49	W 55
67	W 30	W 56	SSW 42	NW 38	S 41	SW 33	SW 28	WSW 25	WSW 40	W 49	W 40	WSW 34	W 56
68	NNW 44	S 35	N 52	W 36	SSW*25	SW 34	34/*45	34/ 27	25/ 37	21/ 28	12/ 35	16/ 33	N *52
69	14/ 46	08/ 36	24/ 34	28/ 44	31/ 32	01/ 29	30/ 30	01/ 31	24/ 39	29/ 30	25/ 45	08/ 34	14/ 46
70	12/ 35	24/ 49	27/ 36	23/ 38	29/ 37	16/ 36	23/ 39	23/ 41	22/ 37	28/ 42	25/ 42	06/ 34	24/ 49
71	24/ 33	28/ 37	27/ 33	24/ 28	11/ 25	28/ 31	21/ 31	25/ 35	26/ 32	23/ 38	33/ 40	21/ 49	21/ 49
72	31/ 52	15/ 34	28/ 39	28/ 36	25/ 41	27/ 29	05/ 26	21/ 32	18/ 30	16/ 28	27/ 43	21/ 36	31/ 52
73	21/ 30	25/ 40	31/ 32	32/ 54	31/ 44	23/ 25	29/ 22	28/ 36	35/ 30	29/ 34	30/ 34	01/ 42	32/ 54
74	24/ 58	20/ 44	27/ 36	35/ 28	30/ 31	27/ 38	28/ 37	26/ 30	23/ 46	29/ 35	30/ 40	30/ 47	24/ 58
75	23/ 55	21/ 29	03/ 34	35/ 29	23/ 34	32/ 30	22/ 30	26/ 28	21/ 45	22/ 35	20/ 37	20/ 40	23/ 55
76	28/ 65	30/ 48	24/ 37	31/ 30	27/ 35	29/ 29	24/ 27	34/ 30	31/ 40	23/ 42	19/ 41	16/ 37	28/ 65
77	22/ 50	23/ 38	24/ 38	27/ 50	06/ 35	30/ 33	27/ 29	21/ 31	24/ 33	19/ 36	25/ 53	24/ 63	24/ 63
78	01/ 50	09/ 32	32/ 45	35/ 33	01/ 32	25/ 28	21/ 26	24/ 25	26/ 39	27/ 36	23/ 41	22/ 38	01/ 50
79	33/ 43	06/ 32	22/ 40	23/ 42	21/ 41	30/ 30	27/ 28	23/ 35	24/ 26	14/ 26	23/ 38	18/ 40	33/ 43
80	15/ 44	22/ 26	09/ 32	34/ 34	06/ 27	21/ 32	01/ 30	25/ 31	26/ 33	23/ 42	08/ 39	29/ 36	15/ 44
81	29/ 43	24/ 44	32/ 43	04/ 35	22/ 32	22/ 31	24/ 28	05/ 26	25/ 43	24/ 43	28/ 43	13/ 39	24/ 44
82	09/ 29	20/ 32	26/ 49	24/ 40	30/ 40	24/ 29	24/ 30	23/ 35	34/ 40	33/ 30	28/ 35	23/ 44	26/ 49
83	26/ 49	27/ 48	28/ 44	36/ 35	12/ 30	17/ 27	30/ 30	29/ 21	22/ 37	19/ 39	28/ 39	28/ 38	26/ 49
84	30/ 50	30/ 49	34/ 44	06/ 34	07/ 30	28/ 22	20/ 21	29/ 22	25/ 39	18/ 34	24/ 35	29/ 31	30/ 50
85	02/ 34	11/ 34	23/ 30	29/ 43	21/ 34	29/ 38	25/ 36	20/ 33	30/ 34	21/ 42	28/ 48	05/ 37	28/ 48
86	30/ 51	04/ 33	26/ 66	23/ 38	21/ 35	26/*29	27/ 29	31/ 32	35/ 40	28/*35	20/ 36	29/ 56	26/*66
87	31/ 36	25/ 36	24/ 61	30/ 36	02/ 36	24/ 34	31/ 29	29/ 25	25/ 34	22/ 61	24/ 36	23/ 32	24/ 61
88	24/ 48	24/ 45	28/ 47	25/ 23	25/ 26								24/*48

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5808-8805
MONTH: ALL HOURS: ALL

THE PEAK WIND OF 66 FROM 26/ OCCURRED ON 03/24/86

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5808-8805
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.2	9.0	20.5	19.4	17.0	15.1	9.3	4.4	4.1	.9	.1	21.1	20.0	893
FEB	.2	9.1	23.7	21.1	20.5	11.7	8.3	2.5	2.7	.2	.0	19.7	19.0	845
MAR	.0	3.8	19.1	24.9	19.4	15.2	10.7	4.1	2.3	.3	.1	21.3	20.0	916
APR	.2	3.1	20.5	26.0	26.5	13.2	6.6	2.6	1.0	.2	.0	20.1	20.0	838
MAY	.0	2.4	19.0	32.1	27.0	12.2	4.7	1.7	1.0	.0	.0	19.6	19.0	831
JUN	.0	3.2	21.9	36.1	24.7	10.3	3.0	.9	.0	.0	.0	18.4	18.0	787
JUL	.0	4.3	25.5	37.7	21.0	7.9	2.8	.7	.1	.0	.0	17.7	17.0	828
AUG	.2	5.3	29.2	30.0	22.6	8.0	3.8	.6	.4	.0	.0	17.6	17.0	850
SEP	.2	7.3	25.7	26.9	20.2	10.5	5.6	2.6	.8	.0	.0	18.5	17.0	832
OCT	.5	9.3	22.8	24.2	20.7	12.0	5.5	3.6	1.3	.1	.0	19.0	18.0	856
NOV	.2	10.6	18.7	19.1	19.2	15.5	8.5	5.1	2.7	.4	.0	20.5	20.0	847
DEC	.7	9.3	18.1	20.9	21.0	13.3	9.9	4.0	2.2	.7	.0	20.5	20.0	896
ANNUAL	.2	6.4	22.0	26.4	21.6	12.1	6.6	2.8	1.6	.2	.0	19.5	18.0	10219

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.9	.1	.2								3.2	6.5	6.5
020-040	1.9	2.2	.9	.4								5.4	6.6	5.0
050-070	.4	2.3	.5	.1								3.3	7.3	7.0
(E) 080-100	1.1	.8	1.4	.2								3.4	8.2	8.5
110-130	1.3	1.0	1.4	.1								3.8	7.5	7.0
140-160	2.3	2.7	1.5	.6								7.1	7.3	7.0
(S) 170-190	2.0	1.8	2.6	.9	.1							7.4	8.9	8.0
200-220	2.7	5.4	4.5	1.1	.4							14.1	8.8	8.0
230-250	2.3	5.2	6.9	2.4	1.0	.4						18.1	10.8	10.0
(W) 260-280	2.7	2.6	5.8	1.6	.6							13.3	10.2	10.5
290-310	1.4	1.4	1.2	.3	.2	.1	.1					4.7	9.2	6.5
320-340	1.2	2.0	1.7	.1								5.1	7.7	8.0
VARIABLE														
CALM	////////////////////											11.1	////////	
TOTALS	20.3	29.3	28.5	8.0	2.3	.5	.1					100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.3	.2									3.1	4.7	4.0
020-040	2.2	1.4	.3	.5								4.4	6.1	5.0
050-070	1.4	2.0	.9	.1								4.4	7.0	6.0
(E) 080-100	.9	1.5	1.2	.1								3.7	7.6	7.5
110-130	1.5	1.6	.8	.4								4.3	7.2	6.0
140-160	1.8	3.0	.9	1.0								6.7	7.8	6.0
(S) 170-190	1.8	2.6	1.4	1.0	.2	.1						7.1	9.0	8.0
200-220	2.6	3.9	4.6	1.9	1.1							14.1	10.4	10.0
230-250	3.4	6.3	7.0	2.2	1.4							20.3	9.9	10.0
(W) 260-280	1.9	2.7	3.1	1.7	.6							10.1	10.4	10.5
290-310	1.1	1.5	1.9	1.1	.2							5.8	10.0	10.0
320-340	1.6	2.3	1.7	.2								5.8	7.5	7.0
VARIABLE				.1		.1						.2	22.0	22.0
CALM	////////////////////////////////////											10.0	////////	
TOTALS	21.8	30.1	24.0	10.3	3.5	.2						100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.7	.3	.1								3.7	5.4	5.0
020-040	1.2	1.1	.4	.4								3.1	6.9	6.0
050-070	.9	1.8	.9	.2								3.8	7.7	7.0
(E) 080-100	1.1	.9	1.8	.3								4.1	8.6	10.0
110-130	1.1	1.1	1.5	.1								7.8	7.7	8.0
140-160	1.7	2.7	1.2	.5	.2		.1					6.5	8.4	6.0
(S) 170-190	2.5	2.9	1.9	.8	.2							8.3	8.1	6.0
200-220	2.7	3.2	5.2	1.7	1.5	.1						14.4	10.8	10.0
230-250	4.7	5.6	7.7	2.4	1.1	.2	.1					21.8	9.7	10.0
(W) 260-280	1.4	2.8	1.9	1.5	.5		.1					8.3	10.2	9.0
290-310	1.0	1.8	1.6	1.9								6.3	10.4	10.0
320-340	2.3	2.0	1.6	.2								6.1	7.0	6.0
VARIABLE					.1							.1	24.0	24.0
CALM	////////////////////////////////////											9.8	////////	
TOTALS	22.1	27.6	26.0	10.1	3.6	.3	.3					100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.5	.4									4.4	4.7	4.0
020-040	1.2	1.0	.3	.1								2.6	5.6	5.0
050-070	.6	1.4	.4	.5								3.0	8.7	8.0
(E) 080-100	1.0	1.1	1.8	.2	.1							4.2	9.1	10.0
110-130	2.3	1.6	.9	.4								5.2	6.6	5.0
140-160	1.5	2.8	.8	.5	.3	.1						6.0	8.2	6.5
(S) 170-190	2.9	3.5	1.5	1.0								8.9	7.4	6.0
200-220	1.9	3.3	4.9	2.0	1.5	.4						14.2	11.5	11.0
230-250	1.7	5.3	5.8	4.0	1.2	.3	.2					18.5	11.8	12.0
(W) 260-280	1.7	2.4	3.0	2.6	.8	.5						11.0	11.9	12.0
290-310	1.4	1.5	2.0	1.1	.3	.1		.1				6.6	10.6	10.0
320-340	1.8	3.7	1.5	.8								7.7	7.5	6.5
VARIABLE	.1	.2	.2		.1							.6	10.7	10.0
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	20.6	29.3	23.5	13.2	4.3	1.4	.2	.1				100.0	8.9	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.9	.4	.1								3.4	6.3	6.0
020-040	.9	1.8	1.2									3.9	7.8	8.0
050-070	.3	1.8	1.3	.6								4.1	9.6	9.0
(E) 080-100	.6	.5	1.5	.3								3.0	9.6	10.0
110-130	.8	1.6	1.0	.6	.2							4.2	9.2	8.0
140-160	1.6	3.2	1.5	.2								6.6	7.4	7.0
(S) 170-190	1.1	4.0	1.6	1.0	.3							8.0	9.3	8.0
200-220	1.1	4.8	2.8	2.2	1.5	.2						12.6	11.3	10.0
230-250	1.9	4.1	4.5	3.3	2.0	.4	.2					16.6	12.4	12.0
(W) 260-280	1.8	2.9	4.2	3.9	1.3	.5	.1					14.7	12.8	13.0
290-310	1.2	1.3	2.0	1.2	.6	.4						6.8	11.9	12.0
320-340	1.7	5.6	2.5	1.2	.1							11.1	8.6	8.0
VARIABLE		.3	.1			.1						.5	12.2	9.0
CALM	////////////////////////////////////											4.6	////////////////////////////////	
TOTALS	14.0	33.8	24.6	14.6	6.0	1.6	.3					100.0	10.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.3	.5	.4								3.9	6.8	5.0
020-040	1.7	1.6	.6	.3								4.3	6.5	6.0
050-070	1.3	1.9	1.1	.5								4.8	7.8	8.0
(E) 080-100	1.2	.8	1.0									2.9	7.0	7.0
110-130	1.3	2.2	1.0	.5	.1							5.1	7.9	7.0
140-160	2.4	3.2	1.2									6.8	6.3	6.0
(S) 170-190	1.4	2.6	2.7	.3	.4							7.4	9.3	8.0
200-220	2.9	3.7	1.8	1.6	.5	.1						10.6	9.3	8.0
230-250	2.5	7.1	4.8	2.2	1.8	.4						18.8	10.7	9.0
(W) 260-280	1.2	2.4	3.8	2.7	1.3	.4						11.7	12.7	12.0
290-310	1.7	1.8	1.9	.8	.2	.1	.1					6.7	9.6	9.0
320-340	3.5	4.4	2.5	.6	.3							11.4	7.7	7.0
VARIABLE			.2	.1	.1							.4	14.0	12.5
CALM	////////////////////////////////////											5.2	////////	
TOTALS	22.7	33.0	23.1	10.0	4.7	1.0	.1					100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.9	.5	.3	.1							4.0	6.3	4.0
020-040	2.6	1.0	.4	.1	.5							4.6	7.0	4.0
050-070	1.2	2.2	1.3	.3								4.9	8.0	9.0
(E) 080-100	1.5	1.4	.5	.2								3.7	6.6	6.0
110-130	1.4	1.6	.5	.8								4.3	8.0	6.0
140-160	3.5	2.2	1.2	.9	.1							7.8	6.7	5.0
(S) 170-190	1.9	3.9	1.6	.6	.1							8.2	8.1	7.0
200-220	1.7	4.6	3.5	.3	.3	.2	.1					10.9	9.2	8.0
230-250	2.9	5.2	5.9	2.9	1.6	.2						18.7	10.8	11.0
(W) 260-280	1.3	3.0	3.8	2.3	1.2	.3						11.8	11.8	12.0
290-310	1.9	2.3	1.4	.6	.3	.1						6.7	8.8	8.0
320-340	1.7	3.7	1.2	.1								6.7	7.2	8.0
VARIABLE				.1								.1	16.0	16.0
CALM	////////////////////////////////////											7.6	////////	
TOTALS	23.8	32.0	21.8	9.5	4.2	.8	.1					100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.2	.6	.3								4.3	6.1	4.5
020-040	1.5	1.2	.8	.1	.1							3.7	6.9	6.0
050-070	1.1	2.3	.9	.2								4.4	7.3	7.0
(E) 080-100	.9	1.0	.9	.4	.1							3.2	9.1	8.0
110-130	1.5	1.8	1.2	.4								4.9	7.5	6.0
140-160	2.6	2.8	1.0	.5								6.9	6.9	6.0
(S) 170-190	2.0	3.3	1.9	1.2	.1							8.6	8.5	8.0
200-220	3.0	5.3	4.0	1.8		.2						14.3	8.9	8.0
230-250	2.8	5.2	6.0	3.0	1.2	.4						18.6	10.7	10.0
(W) 260-280	2.3	2.0	4.9	1.9	.3	.2	.1					11.8	10.7	10.0
290-310	1.4	2.2	1.3	.4	.1							5.4	8.2	8.0
320-340	1.9	2.4	1.3	.3								5.9	7.2	8.0
VARIABLE			.2	.1								.3	12.7	13.0
CALM	////////////////////////////////////											7.6	////////	
TOTALS	23.2	30.7	25.0	10.6	1.9	.8	.1					100.0	8.2	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.5	.4	.2	.0							3.7	5.9	5.0
020-040	1.6	1.4	.6	.3	.1							4.0	6.7	5.0
050-070	.9	2.0	.9	.3								4.1	7.9	7.0
(E) 080-100	1.0	1.0	1.3	.2	.0							3.5	8.3	8.0
110-130	1.4	1.6	1.0	.4	.0							4.4	7.7	6.0
140-160	2.2	2.8	1.1	.5	.1	.0	.0					6.8	7.3	5.0
(S) 170-190	2.0	3.1	1.9	.8	.2	.0						8.0	8.5	8.0
200-220	2.3	4.3	3.9	1.6	.9	.2	.0					13.1	10.1	9.0
230-250	2.8	5.5	6.1	2.8	1.4	.3	.1					18.9	10.8	10.0
(W) 260-280	1.8	2.6	3.8	2.3	.8	.3	.0					11.6	11.4	11.0
290-310	1.4	1.7	1.7	.9	.3	.1	.0	.0				6.1	9.9	9.0
320-340	2.0	3.3	1.7	.4	.1							7.5	7.6	7.0
VARIABLE	.0	.1	.1	.1	.0	.0						.3	13.8	12.5
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	21.1	30.9	24.5	10.8	3.9	.9	.1					100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS TAN 1500 FEET WITH V'SIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.9	1.9	.6	.4	.1						4.9	6.8	5.0
020-040	1.4	.9	.4		.1						2.7	5.9	4.0
050-070	.5	2.9	.6	.2							4.2	7.7	8.0
(E) 080-100	.7	1.6	2.2	.3	.1						4.8	9.5	10.0
110-130	1.9	2.8	2.5	1.0	.1						8.2	8.4	8.0
140-160	4.1	5.2	1.7	1.1	.1		.1				12.3	7.2	6.0
(S) 170-190	3.7	3.8	1.7	.4	.1						9.6	6.7	6.0
200-220	3.4	3.7	2.3	.9	.4						10.8	8.0	6.0
230-250	5.3	4.3	1.7	.4	.3						12.0	6.5	5.0
(W) 260-280	2.9	3.0	.7	.1	.1	.1					6.8	6.1	5.0
290-310	1.7	1.1	.5	.1							3.4	5.4	4.5
320-340	2.5	2.8	1.4	.2							6.9	6.6	6.0
VARIABLE													
CALM	////////////////////////////////////										13.5	////////	
TOTALS	30.0	34.0	16.3	5.1	1.4	.1	.1				100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 1590

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.9	.6									4.6	5.5	5.0
020-040	3.8	2.8	1.6	.4								8.6	6.2	5.0
050-070	2.5	4.1	3.5	.5								10.6	7.8	8.0
(E) 080-100	3.1	4.1	1.8	.6								9.5	7.0	6.0
110-130	1.6	2.4	1.5	.1	.1							5.8	7.7	7.0
140-160	1.8	2.8	1.3	.1	.4							6.4	7.5	7.0
(S) 170-190	2.5	2.5	2.2	.2	.6							8.0	8.1	7.5
200-220	2.6	3.1	1.3	.7	.5	.1						8.2	8.3	6.5
230-250	1.5	4.5	3.5	1.9	.8	.2	.1					12.6	10.8	10.0
(W) 260-280	.9	2.5	2.2	.5								6.1	8.7	8.0
290-310	.4	1.1	.7	.2								2.4	8.9	8.5
320-340	1.9	1.5	1.1	.5								4.9	7.5	6.5
VARIABLE			.2									.2	11.0	11.0
CALM	////////////////////////////////////											12.0	////////	
TOTALS	24.7	33.3	21.5	5.7	2.4	.3	.1					100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.1	.2									4.9	4.9	4.0
020-040	2.1	4.2	2.0	.4								8.7	7.5	6.0
050-070	2.0	4.4	1.6	.4	.1							8.5	7.1	6.0
(E) 080-100	3.4	4.5	2.2	.7								10.8	7.4	7.0
110-130	1.9	2.6	1.5									6.0	6.9	6.0
140-160	1.6	3.2	.7	.2	.1							5.9	7.0	7.0
(S) 170-190	2.0	2.2	2.4	.5	.1							7.2	8.3	8.0
200-220	2.0	3.1	2.2	.4								7.7	7.7	7.0
230-250	2.1	4.6	3.1	1.8	1.4	.1						13.1	10.4	9.0
(W) 260-280	.2	3.1	1.8	.6		.2						5.9	10.1	8.0
290-310	.6	1.5	.8		.2	.2						3.4	9.4	8.0
320-340	1.3	1.6	1.3	.5								4.7	8.3	7.0
VARIABLE	.1	.2										.4	9.0	11.0
CALM	////////////////////////////////////											12.8	////////	
TOTALS	21.9	37.1	20.0	5.5	1.9	.5						100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.0	.7									5.5	5.2	4.0
020-040	2.9	2.9	.9	.5	.4							7.7	7.5	6.0
050-070	1.1	5.2	2.1	.2								8.6	7.9	8.0
(E) 080-100	2.1	3.4	3.3	.7								9.5	8.4	8.0
110-130	2.0	3.8	1.2	.7								7.7	7.6	7.0
140-160	2.4	2.8	1.5									6.7	6.7	7.0
(S) 170-190	1.9	2.0	2.4	.4								6.6	7.9	7.0
200-220	2.0	3.3	2.5	.4	.1							8.2	8.1	7.0
230-250	2.5	3.3	2.8	1.4	1.2	.1						11.3	10.0	9.0
(W) 260-280	.6	3.8	2.0	.7	.2	.2	.1					7.7	10.2	9.0
290-310	.6	1.1	.5	.1	.4	.1						2.7	10.2	8.0
320-340	.7	1.8	1.5	.5	.1							4.6	9.1	9.0
VARIABLE														
CALM	////////////////////////////////////											13.2	////////	
TOTALS	21.6	35.4	21.4	5.6	2.4	.4	.1					100.0	7.2	8.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	2.9	1.2	.2								5.7	7.1	6.0
020-040	2.4	3.7	2.2	.6								8.8	7.7	7.0
050-070	.6	3.1	3.1	.4	.4							7.4	9.8	10.0
(E) 080-100	.7	3.9	3.9	1.6								10.1	10.3	10.0
110-130	1.8	4.4	2.5	1.1	.1							9.8	8.6	8.0
140-160	.9	2.2	2.2	.5		.1						6.0	9.4	9.0
(S) 170-190	2.4	2.4	2.2	.8								7.8	7.8	6.0
200-220	2.0	2.2	2.5	.7	.2							7.7	9.0	9.0
230-250	1.9	4.8	3.5	1.9	.7	.4						13.2	10.4	9.0
(W) 260-280	1.2	1.9	2.1	1.1	.6	.1						6.9	10.8	10.0
290-310	.8	.9	1.9	.4	.2							4.2	9.9	10.0
320-340	.8	1.6	1.6	.2	.6							4.9	10.2	9.5
VARIABLE		.1	.1									.2	9.5	9.5
CALM	////////////////////////////////////											7.2	////////	
TOTALS	16.8	34.1	29.0	9.5	2.8	.6						100.0	8.6	9.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.5	1.9	.5								5.9	8.5	8.0
020-040	.4	3.5	2.7	.9	.1							7.7	9.9	9.0
050-070	.2	2.5	3.9	1.3	.2							8.1	1.8	10.0
(E) 080-100	.1	3.4	4.1	2.6								10.2	11.4	12.0
110-130	.9	2.8	4.0	1.5	.4							9.7	10.6	11.0
140-160	.6	3.3	2.6	.7								7.2	8.9	8.0
(S) 170-190	1.4	2.6	2.4	1.1	.1							7.5	9.3	9.0
200-220	1.3	2.9	2.1	1.6	.2	.2						8.5	10.3	9.5
230-250	.9	3.2	2.4	1.6	.2	.4	.1					8.8	11.0	10.0
(W) 260-280	.7	1.5	2.8	2.4	1.3	.2	.1					9.1	13.2	13.0
290-310	.7	1.8	1.1	1.2	.5							5.2	11.0	10.0
320-340	1.5	1.5	2.8	1.2	.5							7.5	10.2	11.0
VARIABLE		.7	.5		.1							1.3	10.5	9.0
CALM	////////////////////											3.3	////////	
TOTALS	9.8	32.2	33.3	16.6	3.6	.8	.2					100.0	10.2	10.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.6	1.8	.4								5.8	8.1	7.0
020-040	.8	4.8	1.6	.6	.1							8.0	8.7	8.0
050-070	.8	4.6	3.1	1.2	.2							9.9	9.7	9.0
(E) 080-100	1.3	3.7	5.5	1.3								11.8	9.9	10.0
110-130	.9	4.2	3.7	.8	.1							9.8	9.3	9.0
140-160	.9	2.5	1.7	.8								6.1	8.8	8.0
(S) 170-190	1.4	2.5	2.6	.8								7.3	8.7	9.0
200-220	2.2	2.5	2.0	.9	.4							8.0	8.8	8.0
230-250	1.5	2.0	1.6	1.4	.2	.5						7.3	11.2	10.0
(W) 260-280	1.1	2.6	2.8	1.6	.5	.1						8.7	10.8	10.0
290-310	1.1	2.4	1.5	.8	.1							5.9	9.0	8.5
320-340	1.3	2.2	1.6	.8								6.0	8.8	8.0
VARIABLE		.2	.1	.1								.5	11.3	9.5
CALM	////////////////////											4.9	////////	
TOTALS	14.4	36.8	29.8	11.5	1.6	.6						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.9	1.4	.4								7.3	6.7	6.0
020-040	2.1	3.2	1.4	.4	.1							7.2	7.2	6.0
050-070	2.1	4.9	2.5	1.4								11.0	8.5	8.0
(E) 080-100	2.8	5.5	4.0	.4								12.7	7.8	8.0
110-130	2.7	5.3	1.2	.5								9.7	7.0	6.0
140-160	2.7	2.8	1.5	.1								7.2	6.4	6.0
(S) 170-190	1.6	2.7	3.7	.2								8.2	8.5	9.0
200-220	2.1	.7	2.1	.6	.2	.2						6.0	9.7	10.0
230-250	1.5	3.3	3.2	1.4	.2	.4						10.0	10.1	10.0
(W) 260-280	1.3	2.5	2.4	.6	.2	.1						7.1	9.3	8.0
290-310	.6	1.2	.8									2.6	8.0	8.0
320-340	1.3	.6	.9	.6								3.4	8.4	6.0
VARIABLE	.2											.2	11.0	11.0
CALM	////////////////////////////////////											7.4	////////////////////////////////	
TOTALS	23.4	35.6	25.3	6.6	.7	.7						100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.1	1.1	.2								5.7	6.6	5.0
020-040	3.9	3.5	.9	.1	.2							8.7	6.2	6.0
050-070	2.0	4.7	2.6	.9								10.2	8.2	8.0
(E) 080-100	3.9	4.7	2.2	.6								11.4	7.0	7.0
110-130	2.1	3.2	1.9	.1	.2							7.5	7.3	6.5
140-160	1.8	3.1	1.4	.1	.2							6.6	7.9	8.0
(S) 170-190	2.1	2.8	2.6	.4								7.9	7.9	8.0
200-220	1.9	2.5	1.6	1.3	.5							7.8	9.3	8.0
230-250	1.4	3.2	3.8	1.5	.4	.1	.4					10.7	10.9	10.0
(W) 260-280	1.6	2.8	1.9	.1	.1							6.6	7.7	8.0
290-310	1.1	.8	.9	.1		.1						3.1	7.7	7.0
320-340	2.1	.8	.5	.7								4.1	6.9	4.0
VARIABLE	.4											.4	11.0	10.0
CALM	////////////////////											9.3	////////	
TOTALS	26.1	34.2	21.8	6.1	1.6	.2	.4					100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.0	2.4	1.1	.2								5.7	6.6	6.0
020-040	2.3	3.6	1.7	.5	.1							8.2	7.6	7.0
050-070	1.4	4.2	2.8	.8	.1							9.3	8.7	8.0
(E) 080-100	2.2	4.2	3.4	1.1								10.8	8.7	8.0
110-130	1.8	3.6	2.2	.6	.1							8.2	8.3	8.0
140-160	1.6	2.8	1.6	.3	.1	.0						6.5	7.8	8.0
(S) 170-190	1.9	2.5	2.5	.5	.1							7.6	8.3	8.0
200-220	2.0	2.5	2.0	.8	.3	.1						7.8	8.9	8.0
230-250	1.7	3.6	3.0	1.6	.6	.3	.1					10.9	10.6	10.0
(W) 260-280	1.0	2.6	2.3	.9	.4	.1	.0					7.3	10.3	10.0
290-310	.7	1.3	1.0	.4	.2	.1						3.7	9.4	9.0
320-340	1.4	1.5	1.4	.6	.1							5.0	8.8	8.0
VARIABLE	.0	.1	.2	.0	.0							.4	10.5	10.0
CALM	////////////////////////////////////											8.8	////////////////////////////////	
TOTALS	20.0	34.9	25.2	8.3	2.1	.6	.1					100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	2.4	1.4	.2								5.5	7.1	7.0
020-040	2.1	3.9	2.6	1.1	.3							10.2	8.9	8.0
050-070	1.5	5.3	2.0	.7	.1							9.5	7.9	7.0
(E) 080-100	2.9	6.0	4.5	.5								13.9	8.0	8.0
110-130	2.1	6.6	3.5	.2	.2							12.6	8.0	7.0
140-160	1.6	4.2	1.9	.2								7.9	7.4	7.0
(S) 170-190	2.4	1.5	1.6	.2								5.7	6.6	5.0
200-220	1.4	2.3	1.5	.6								5.7	8.0	7.0
230-250	1.6	1.9	.8	.5								4.8	7.4	6.0
(W) 260-280	.9	1.5	.1	.1								2.6	6.0	5.0
290-310	.9	.8	.6									2.4	6.5	6.0
320-340	1.2	1.1	1.0	.2								3.5	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											15.8	////////	
TOTALS	20.1	37.5	21.5	4.5	.6							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 1774

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 6			
(N) 350-010	2.0	1.7	.8	.2								4.7	6.2	5.0
020-040	1.9	2.5	.6									5.1	6.0	6.0
050-070	.3	1.3	.6	.2	.2							2.7	9.2	8.0
(E) 080-100	1.7	1.3			.1							3.1	5.1	4.0
110-130	1.7	2.6	1.0	.3								5.6	7.3	8.0
140-160	2.8	3.3	1.4	.4								8.0	6.5	5.0
(S) 170-190	2.3	3.9	1.6	.5	.2		.1					8.6	7.9	7.0
200-220	4.0	4.8	4.8	2.6	.4	.8						17.4	9.9	9.0
230-250	3.8	5.9	5.6	1.3	1.1	.2						17.8	9.4	8.0
(W) 260-280	1.5	3.4	2.4	.5	.2	.2						8.3	9.2	8.0
290-310	1.0	2.4	.5	.5								4.4	8.0	7.0
320-340	2.2	2.2	.8	.2	.3							5.6	7.3	5.5
VARIABLE														
CALM	////////////////////////////////////											8.7	////////////////////////////////	
TOTALS	25.2	35.3	20.1	6.7	2.5	1.2	.1					100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.3	.8	.1								4.8	6.4	6.0
020-040	1.3	1.0	.6									2.9	6.2	6.0
050-070	1.1	.8	1.3	.6								3.8	9.1	10.0
(E) 080-100	1.4	1.2	.3									2.9	5.8	5.0
110-130	2.4	2.4	1.1									5.8	6.1	6.0
140-160	3.5	2.8	1.7	.4								8.5	6.5	5.0
(S) 170-190	4.0	3.2	1.5	.5	.6							9.9	7.6	6.0
200-220	4.1	4.3	5.3	2.0	.6							16.3	9.2	9.0
230-250	3.1	6.6	5.7	1.9	1.1							18.4	9.8	9.0
(W) 260-280	1.9	3.2	1.8	.4	.1							7.5	8.0	8.0
290-310	1.5	1.9	1.1	.6	.3							5.5	8.9	8.0
320-340	2.0	3.1	1.0	.3								6.5	7.0	6.0
VARIABLE				.1								.1	15.0	15.0
CALM	////////////////////////////////////											7.1	////////	
TOTALS	28.0	32.8	22.2	6.9	2.7							100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.7	.9									5.5	6.1	5.0
020-040	.6	1.0	1.2	.1								2.9	8.0	8.0
050-070	1.3	1.2	1.1	.2								3.8	7.8	8.0
(E) 080-100	.9	1.2	.8									2.8	6.7	6.0
110-130	1.4	3.3	1.2	.1								6.0	6.8	6.0
140-160	3.1	3.3	1.5	.8								8.7	7.1	6.0
(S) 170-190	2.6	3.8	2.3	.5	.5	.1						9.8	8.2	7.0
200-220	3.1	4.5	4.5	3.0	.6	.2						16.0	10.2	10.0
230-250	2.4	5.6	5.8	2.7	1.5	.2						18.2	10.8	10.0
(W) 260-280	1.6	2.9	1.8	.4								6.8	7.9	8.0
290-310	1.1	2.7	1.6	.6	.4							6.5	9.5	8.0
320-340	1.9	2.9	1.3	.5								6.7	7.3	6.5
VARIABLE			.1		.3							.4	17.8	20.0
CALM	////////////////////////////////////											6.0	////////	
TOTALS	21.9	35.1	24.1	8.9	3.3	.5						100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.3	2.5	.3								5.9	8.7	9.0
020-040	.4	1.7	1.9	.1								4.2	8.7	9.0
050-070	.6	1.2	1.6	.2								3.7	8.5	9.5
(E) 080-100	.3	1.8	1.7	.8								4.6	10.0	10.0
110-130	.4	1.4	1.7	.6								4.2	9.9	10.0
140-160	1.6	3.8	3.5	.3								9.2	8.5	8.5
(S) 170-190	.8	2.9	2.9	.9	.2							7.6	9.9	10.0
200-220	1.4	3.7	4.6	2.4	1.6	.2	.3					14.2	12.3	11.0
230-250	1.0	4.9	4.5	2.9	2.0	.5		.1				16.0	12.6	12.0
(W) 260-280	1.5	2.0	3.8	1.7	2.0	.2	.1					11.4	12.6	13.0
290-310	.9	1.5	2.7	1.5	.4	.2						7.2	11.9	12.0
320-340	1.2	2.4	3.0	1.1	.1							7.7	9.7	10.0
VARIABLE		.1	.3	.9	.1							1.4	15.2	16.0
CALM	////////////////////////////////////											2.6	////////	
TOTALS	11.0	29.7	34.7	13.7	6.4	1.1	.4	.1				100.0	10.6	10.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.9	2.2	.8	.1							6.6	9.4	9.0
020-040	.4	2.0	1.8	.8								5.1	9.7	10.0
050-070		1.2	1.8	.6								3.7	11.1	11.0
(E) 080-100	.3	1.6	2.3	.2	.1							4.5	10.1	10.0
110-130	.3	1.8	.9	.6								3.7	9.6	9.0
140-160	.6	1.9	2.9	.6								6.1	9.8	10.0
(S) 170-190	1.1	3.0	3.0	1.1	.3							8.5	9.8	10.0
200-220	1.4	2.7	4.8	3.4	1.1	.3	.1					13.9	12.6	12.0
230-250	1.7	2.7	4.1	4.0	1.9	.3		.1	.2			15.1	13.4	13.0
(W) 260-280	.8	2.6	2.8	3.2	1.3	.9	.3	.1	.1			12.0	14.7	14.0
290-310	.2	1.9	2.4	2.5	.9	.2						8.1	13.4	14.0
320-340	.8	2.8	4.0	1.0	.8							9.2	10.8	10.0
VARIABLE	.1	.6	.5	.4	.1							1.8	11.1	10.0
CALM	////////////////////////////////////											1.8	////////	
TOTALS	8.3	27.7	33.5	19.2	6.6	1.7	.4	.2	.3			100.0	11.6	11.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.7	3.5	1.4	.1							10.5	9.0	9.0
020-040	.4	2.8	2.9	.3								6.5	9.3	9.5
050-070	.4	1.4	2.2	.6								4.6	10.7	11.0
(E) 080-100	.3	1.7	1.1	.1								3.2	8.6	8.0
110-130	.5	1.9	1.5	.4								4.4	8.7	9.0
140-160	.8	2.4	3.3	.8								7.2	9.8	10.0
(S) 170-190	.9	2.9	2.0	.8	.1							6.7	8.7	8.0
200-220	1.8	4.3	3.9	3.0	1.3	.2						14.5	11.5	11.0
230-250	1.1	2.4	3.9	3.2	1.7	.2	.1	.1				12.7	13.1	12.0
(W) 260-280	2.0	2.6	3.4	2.5	1.6	.4	.2					12.8	12.6	12.0
290-310	1.1	1.7	2.5	2.2	.5							8.0	11.5	12.0
320-340	1.9	2.2	2.0	.4	.1							6.7	8.1	8.0
VARIABLE		.6	.1	.1								.9	9.4	7.0
CALM	////////////////////////////////////											1.4	////////	
TOTALS	13.0	30.6	32.3	15.8	5.4	.8	.3	.1				100.0	10.5	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.2	1.5	.4	.3							7.8	7.5	6.0
020-040	2.0	3.9	1.4									7.3	6.6	6.0
050-070	1.1	1.9	1.3	.2								4.5	7.7	7.5
(E) 080-100	.8	1.6	.3	.3								3.0	7.3	6.0
110-130	1.5	3.7	1.6	.3								7.1	7.5	7.0
140-160	2.0	4.0	2.0	.2								8.3	7.2	7.0
(S) 170-190	2.6	3.9	1.4	.8	.1							8.7	7.4	7.0
200-220	3.1	3.3	4.0	3.0	1.0							14.4	10.3	10.0
230-250	2.4	4.4	3.7	1.7	.8	.3	.1					13.3	10.2	9.0
(W) 260-280	1.8	2.6	2.2	1.2	.3	.2						8.3	9.7	9.0
290-310	.8	1.3	2.7	.5	.2	.2						5.7	10.7	11.0
320-340	2.0	1.1	.4	.2	.1							3.9	6.6	4.0
VARIABLE			.2		.1							.3	14.3	12.0
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	22.5	34.9	22.7	8.8	2.9	.7	.1					100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.9	.5	.4								6.1	6.4	6.0
020-040	1.6	2.9	.5	.3								5.4	6.5	6.0
050-070	.6	1.9	.8	.2								3.5	7.8	7.0
(E) 080-100	1.4	1.6		.1								3.1	5.2	5.0
110-130	1.4	2.7	1.2	.6	.1							6.0	8.0	8.0
140-160	2.9	3.5	1.8	.2								8.5	6.5	6.0
(S) 170-190	3.0	2.9	2.4	.5	.2							9.0	7.3	7.0
200-220	3.1	4.4	4.4	3.0	.9	.1						15.9	10.1	10.0
230-250	1.9	4.8	4.1	2.6	.9	.3						14.6	10.6	10.0
(W) 260-280	2.6	3.1	2.0	1.0	.6							9.4	8.8	8.0
290-310	1.5	.4	1.3	.2	.1	.2						3.8	9.1	9.0
320-340	1.7	1.3	.9	.1	.2							4.2	7.0	5.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	24.0	32.4	19.9	9.2	3.0	.6						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.7	1.6	.5	.1							6.5	7.7	7.0
020-040	1.1	2.2	1.4	.2								4.9	7.7	8.0
050-070	.7	1.4	1.3	.4	.0							3.8	9.0	9.0
(E) 080-100	.9	1.5	.8	.2	.0							3.4	7.7	7.0
110-130	1.2	2.5	1.3	.4	.0							5.3	7.8	8.0
140-160	2.2	3.1	2.3	.5								8.1	7.6	7.0
(S) 170-190	2.1	3.3	2.1	.7	.3	.0	.0					8.6	8.3	7.0
200-220	2.8	4.0	4.5	2.8	.9	.2	.1					15.3	10.7	10.0
230-250	2.2	4.7	4.7	2.5	1.4	.3	.0	.0	.0			15.8	11.1	10.0
(W) 260-280	1.7	2.8	2.5	1.4	.8	.2	.1	.0	.0			9.6	10.9	10.0
290-310	1.0	1.7	1.8	1.1	.4	.1						6.1	10.7	10.0
320-340	1.7	2.2	1.7	.5	.2							6.3	8.3	8.0
VARIABLE	.0	.2	.2	.2	.1							.6	12.8	13.0
CALM	////////////////////////////////////											5.7	////////	
TOTALS	19.3	32.3	26.2	11.4	4.2	.8	.2					100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	4.5	2.3	.2								8.2	7.6	8.0
020-040	.9	2.2	2.8	.3								6.2	8.9	9.5
050-070	1.8	2.2	1.1	.5								5.7	7.3	6.0
(E) 080-100	2.0	3.0	1.3	.4								6.7	7.2	6.0
110-130	2.2	5.4	1.6	.3								9.5	7.1	7.0
140-160	3.1	5.6	3.2	.4								12.3	7.5	7.0
(S) 170-190	2.6	4.7	1.3	.6								9.2	6.9	6.0
200-220	2.6	3.5	3.9	2.2	.6							12.9	9.8	10.0
230-250	2.3	4.0	1.1	1.2	.5	.1				.1		9.2	8.8	6.0
(W) 260-280	1.8	1.5	.7	.1		.1	.1	.1	.1			4.4	8.3	6.0
290-310	1.3	2.0	.5	.2	.1	.1						4.2	7.4	6.0
320-340	1.4	1.5	.9	.1	.1							4.0	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											7.6	////////////////////////////////	
TOTALS	23.3	40.1	20.7	6.5	1.3	.3	.1	.1	.2			100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 1517

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	3.6	.9	.1								8.7	5.3	5.0
020-040	3.3	2.1	1.0	.4	.2							7.1	6.7	5.0
050-070	2.4	2.4	.6		.1							5.6	5.9	5.0
(E) 080-100	2.2	1.4	.6									4.2	5.3	4.0
110-130	3.7	2.6	.7									6.9	5.0	4.0
140-160	3.4	2.3	.4									6.2	5.0	4.0
(S) 170-190	3.3	2.1	.7	.1	.1							6.3	5.6	4.0
200-220	2.9	5.6	1.8	.6								10.8	7.2	7.0
230-250	3.1	4.9	1.8	1.0	.1							10.9	7.4	6.5
(W) 260-280	3.2	3.6	.9	.3	.2							8.2	6.7	5.5
290-310	1.7	1.4	1.2		.2							4.6	7.2	6.0
320-340	3.2	3.4	1.1	.2								8.0	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////////////////////////////////	
TOTALS	36.5	35.4	11.7	2.7	.9							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	3.6	1.2	.3								8.0	6.4	5.0
020-040	3.1	3.2	.4	.6								7.3	6.3	6.0
050-070	1.3	3.0	.3	.1	.1							4.9	6.3	6.0
(E) 080-100	1.2	2.2	.7									4.1	6.5	6.0
110-130	3.3	2.8	.1									6.2	4.9	4.0
140-160	4.1	3.2	.1									7.4	4.5	4.0
(S) 170-190	3.4	2.6	.8	.1								6.9	5.6	4.5
200-220	3.4	3.7	1.6	.7								9.3	7.0	6.0
230-250	2.7	5.0	1.2	.6	.2							9.7	7.3	6.0
(W) 260-280	1.6	4.0	.8	.3	.1							6.8	7.4	7.0
290-310	2.0	2.0	.9	.1	.1							5.1	6.7	5.0
320-340	3.6	4.2	1.8	.1								9.7	6.2	6.0
VARIABLE														
CALM	////////////////////											14.6	////////	
TOTALS	32.6	39.5	9.9	2.9	.5							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.0	2.6	.1								9.1	7.4	7.0
020-040	1.8	3.0	1.2	.7								6.7	7.6	7.0
050-070	1.3	2.9	1.0									5.2	6.6	6.0
(E) 080-100	1.0	2.4	1.3									4.8	7.3	7.0
110-130	1.8	3.1	1.0									5.9	6.4	6.0
140-160	3.4	3.4	.8									7.7	5.4	5.0
(S) 170-190	2.8	2.4	1.1	.1								6.4	6.3	6.0
200-220	2.6	2.9	2.4	.6	.3							8.8	8.1	8.0
230-250	2.4	5.0	2.4	.3	.3							10.6	7.8	7.0
(W) 260-280	1.9	2.9	1.9	.2	.2							7.1	7.8	7.0
290-310	.6	2.2	1.9	.9								5.6	9.7	9.5
320-340	3.3	4.3	2.7	.7								11.0	7.3	7.0
VARIABLE		.1	.2									.3	9.7	10.0
CALM	////////////////////////////////////											10.9	////////////////////////////////	
TOTALS	25.3	38.6	20.5	3.6	.8							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	5.6	5.7	1.2	.1							13.4	9.7	10.0
020-040	1.1	2.7	2.9	.7	.1							7.4	8.9	9.0
050-070	1.0	1.8	2.7	.1								5.6	8.8	9.5
(E) 080-100	.7	2.2	1.9									4.8	8.4	9.0
110-130	.9	2.8	2.3	.4								6.4	9.1	9.0
140-160	1.3	3.0	2.0	.6								6.9	8.1	8.0
(S) 170-190	1.1	1.9	1.1	.3	.2							4.7	8.6	8.0
200-220	1.3	2.9	3.2	.9	.1							8.4	9.5	9.5
230-250	2.2	4.1	2.8	1.4								10.6	8.8	8.0
(W) 260-280	1.7	2.9	3.4	.2	.9							9.1	9.7	9.5
290-310	2.2	2.0	2.3	1.4	.1							8.1	9.5	9.0
320-340	1.7	2.6	2.9	1.2	.2							8.6	9.3	10.0
VARIABLE	.1	1.6	1.3	.1								3.1	9.6	9.0
CALM	////////////////////////////////////											2.9	////////	
TOTALS	16.2	36.1	34.5	8.5	1.7							100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	4.3	6.6	1.1	.6							13.4	10.5	10.0
020-040	1.4	3.0	5.1	1.0	.1							10.7	9.6	10.0
050-070	.7	2.1	2.2	.8	.1							5.9	9.7	10.0
(E) 080-100	.4	1.8	1.9	.3								4.4	9.8	9.5
110-130	.2	.7	3.2	.8	.1							5.0	11.6	12.0
140-160	.9	2.7	3.6	.6								7.7	9.2	10.0
(S) 170-190	1.1	1.7	1.6	.8	.2							5.3	9.4	9.5
200-220	.9	2.6	2.6	1.0	.3							7.3	9.8	10.0
230-250	1.3	2.7	4.3	1.1		.1						9.6	10.2	10.0
(W) 260-280	2.1	3.6	3.8	.8	.3							10.6	9.0	8.0
290-310	1.1	2.1	2.7	1.0	.7							7.6	10.5	10.0
320-340	1.3	2.7	2.2	1.4								7.7	9.4	9.0
VARIABLE	.1	1.6	1.4	.2								3.3	9.7	9.5
CALM	////////////////////											1.6	////////	
TOTALS	12.4	31.6	41.2	10.9	2.4	.1						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAFMILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	6.1	5.2	1.6	.3							14.0	10.0	10.0
020-040	1.2	4.1	5.8	1.8								12.9	9.9	10.0
050-070	.4	1.8	3.7	.7	.1							6.7	10.5	10.5
(E) 080-100	.1	1.9	2.3	.4								4.8	9.8	10.0
110-130	.8	2.1	2.8	.9								6.6	9.7	10.0
140-160	.3	1.6	3.1	.7								5.7	10.8	12.0
(S) 170-190	.9	1.7	1.3	.8	.2							4.9	9.3	9.0
200-220	.8	2.7	1.9	.9								6.2	9.2	8.5
230-250	1.2	3.7	4.7	.9	.3	.3						11.1	10.3	10.0
(W) 260-280	1.8	3.6	3.1	.7	.2							9.3	8.5	8.0
290-310	1.1	2.6	2.3	1.1	.4							7.6	10.1	10.0
320-340	1.7	1.9	1.3	.2	.2							5.3	8.1	7.0
VARIABLE		1.4	1.4	.1								3.0	9.7	10.0
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	11.1	35.2	38.9	10.8	1.7	.3						100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WINDSPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.4	1.9	.8	.2							10.1	7.6	7.0
020-040	1.8	7.3	4.2	1.0								14.3	8.5	8.0
050-070	2.1	3.2	1.9	.3								7.6	7.3	7.5
(E) 080-100	1.9	5.2	2.1									9.2	7.0	7.0
110-130	3.1	3.8	1.7	.1								8.7	6.5	6.0
140-160	1.6	3.0	1.6	.3								6.4	7.4	6.0
(S) 170-190	2.1	3.3	1.1	.4	.1							7.1	7.5	6.5
200-220	2.8	3.4	1.4	.1								7.8	6.4	5.5
230-250	1.3	3.0	1.9	.7	.2							7.1	8.6	8.0
(W) 260-280	2.0	2.9	1.6	.1	.1							6.7	7.0	7.0
290-310	1.1	1.9	1.8	.3	.2							5.3	8.9	8.5
320-340	1.4	1.1	.8	.1								3.4	6.7	6.0
VARIABLE			.2									.2	12.0	12.0
CALM	////////////////////////////////////											6.0	////////	
TOTALS	24.0	42.5	22.2	4.2	.8							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.3	1.3	.2								8.6	5.9	5.0
020-040	2.8	5.3	1.9	.7	.1							10.8	7.4	6.0
050-070	2.2	2.8	.4									5.4	5.6	5.0
(E) 080-100	3.0	3.1	.4									6.6	5.2	5.0
110-130	4.6	2.8	1.6									8.9	5.6	4.0
140-160	3.7	4.0	.4									8.1	5.3	5.0
(S) 170-190	2.6	3.4	.9	.1								7.0	6.2	6.0
200-220	2.4	4.1	1.9	.8								9.2	7.5	6.0
230-250	2.2	2.2	2.1	.4	.2							7.2	6.2	6.0
(W) 260-280	2.1	4.9	1.2	.1	.1							8.4	6.7	6.0
290-310	1.9	2.0	.2		.1	.1						4.3	6.2	5.0
320-340	2.2	1.6	.6	.2								4.6	5.8	5.0
VARIABLE			.1									.1	10.0	10.0
CALM	////////////////////////////////////											10.8	////////	
TOTALS	33.4	39.5	13.0	2.5	.5	.1						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.4	3.2	.7	.2							10.7	8.3	8.0
020-040	2.1	3.8	2.8	.8	.1							9.7	8.3	8.0
050-070	1.4	2.5	1.6	.3	.1							5.8	7.7	7.0
(E) 080-100	1.3	2.5	1.4	.1								5.4	7.3	7.0
110-130	2.3	2.6	1.7	.3	.0							6.8	7.1	6.0
140-160	2.3	2.9	1.5	.3								7.0	6.9	6.0
(S) 170-190	2.2	2.4	1.1	.3	.1							6.1	7.1	6.0
200-220	2.1	3.5	2.1	.7	.1							8.5	8.0	9.0
230-250	2.1	3.8	2.7	.8	.2	.1						9.6	8.6	8.0
(W) 260-280	2.0	3.5	2.1	.3	.3							8.3	7.9	7.0
290-310	1.5	2.0	1.7	.6	.2	.0						6.0	8.9	8.0
320-340	2.3	2.7	1.7	.5	.1							7.3	7.5	7.0
VARIABLE	.0	.6	.6	.1								1.3	9.7	10.0
CALM	////////////////////////////////////											7.7	////////	
TOTALS	23.9	37.2	24.2	5.8	1.4	.1						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.4	6.6	2.9	.7	.4						13.9	7.7	7.0
020-040	2.6	6.2	3.1	1.4	.3						13.5	8.5	8.0
050-070	1.7	3.0	1.6	.4	.2						6.9	7.9	8.0
(E) 080-100	2.8	2.6	1.0	.1							6.5	5.8	5.0
110-130	4.1	2.0	1.5	.3							7.9	6.0	4.0
140-160	3.5	1.5	.8	.1							5.9	5.2	4.0
(S) 170-190	2.3	1.1	1.0	.4							4.8	6.7	5.5
200-220	1.6	1.9	.6	.3							4.4	6.7	6.0
230-250	2.2	1.4	1.2	.1							4.9	6.2	5.0
(W) 260-280	2.5	3.1	.9								6.5	5.8	6.0
290-310	1.	1.9	1.1	.1							5.0	6.7	6.0
320-340	3.1	4.1	1.1	.1							8.3	6.2	6.0
VARIABLE													
CALM	////////////////////////////////////										11.7	////////////////////////////////	
TOTALS	31.7	35.4	16.8	4.0	.9						100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 1006

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	4.1	.8									8.3	5.7	6.0
020-040	3.7	2.8	.4									6.9	4.7	4.0
050-070	2.4	1.2	.6									4.2	5.3	4.0
(E) 080-100	3.3	2.8	.4									6.6	5.0	4.0
110-130	4.6	2.6	.5									7.7	4.8	4.0
140-160	4.2	3.4	.6	.1								8.4	5.4	4.5
(S) 170-190	2.9	4.7	1.1	.1								8.8	6.7	6.0
200-220	2.5	6.1	2.8	.3		.1						11.8	7.4	7.0
230-250	2.9	5.1	2.4	.2								10.5	7.0	6.0
(W) 260-280	1.0	1.5	.9	.2								3.5	7.8	8.0
290-310	1.3	2.2	.3									3.8	5.7	6.0
320-340	2.5	3.7	.6									6.8	5.7	6.0
VARIABLE														
CALM	////////////////////											12.7	////////////////	
TOTALS	34.7	40.2	11.4	.9		.1						100.0	.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	4.1	.8	.2								8.2	6.0	6.0
020-040	4.7	3.3	.5									8.6	4.9	4.0
050-070	1.1	.8	.9									2.7	6.6	6.0
(E) 080-100	1.9	3.4	.3									5.7	5.7	6.0
110-130	2.7	2.8	.3									5.8	5.3	5.0
140-160	4.5	3.1	.8									8.4	5.0	4.0
(S) 170-190	2.5	3.3	1.8	.1								7.7	6.9	8.0
200-220	2.4	5.2	4.2	.1								11.8	7.9	8.0
230-250	1.9	5.9	1.9	.5								10.3	7.6	7.0
(W) 260-280	1.2	1.6	.6	.1								3.5	6.4	6.0
290-310	1.1	2.2	.4									3.7	6.1	6.0
320-340	2.5	4.0	.9									7.3	5.8	6.0
VARIABLE														
CALM	////////////////////											16.2	////////	
TOTALS	29.6	39.7	13.4	1.0								100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.3	2.2									7.5	7.6	8.0
020-040	3.4	4.3	.9	.1								8.7	5.5	5.0
050-070	1.6	1.8	1.8	.1								5.4	7.5	8.0
(E) 080-100	1.3	1.9	.9	.2								4.3	7.3	7.0
110-130	2.5	4.1	2.9									9.5	7.2	7.0
140-160	1.8	3.2	1.1									6.1	6.4	6.0
(S) 170-190	1.8	3.0	2.3	.1								7.2	7.7	7.0
200-220	2.4	3.0	4.9	1.0	.1							11.4	9.2	10.0
230-250	2.2	4.2	4.8	1.2	.2							12.6	9.4	9.0
(W) 260-280	1.4	2.3	1.7	.2								5.6	7.7	7.0
290-310	1.7	2.0	1.3									5.1	6.6	6.0
320-340	.9	5.2	2.4	.1								8.5	7.4	7.0
VARIABLE		.2	.2									.4	10.0	9.5
CALM	////////////////////////////////////											7.7	////////	
TOTALS	22.1	39.5	27.4	3.0	.3							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.5	4.4	.9								10.0	9.4	10.0
020-040	1.3	3.4	1.7	.4	.1							7.0	8.0	7.0
050-070	1.4	2.3	2.5	.6	.2							7.0	9.2	8.0
(E) 080-100	1.4	1.5	2.4	.9								6.1	8.9	10.0
110-130	1.2	1.6	3.0	.8								6.6	9.5	10.0
140-160	.8	3.1	1.9									5.8	7.9	8.0
(S) 170-190	2.3	3.4	2.5	.5	.2							8.9	8.0	7.0
200-220	1.9	3.1	3.9	1.5	.5							11.0	10.1	10.0
230-250	1.1	3.1	5.5	2.6	.4							12.7	11.2	11.5
(W) 260-280	.9	1.3	2.5	1.1								5.7	10.2	12.0
290-310	.8	2.0	1.6	.3								4.7	8.6	8.0
320-340	1.9	2.5	2.3	.4								7.1	7.7	7.5
VARIABLE		2.8	1.3	.3								4.4	9.2	8.0
CALM	////////////////////////////////////											3.0	////////	
TOTALS	16.2	33.6	35.5	10.3	1.4							100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	4.6	4.4	1.0	.2							11.0	9.7	10.0
020-040	.9	1.9	3.1	.5	.1							6.6	9.7	10.0
050-070	1.3	1.6	2.3	1.2	.1							6.5	9.9	10.0
(E) 080-100	.8	2.0	1.9	1.4								6.1	10.0	10.0
110-130	.6	1.7	2.2	1.4								5.9	10.6	10.0
140-160	1.7	3.1	3.4	.2								8.5	8.1	8.0
(S) 170-190	1.9	2.4	3.1	.5								8.0	8.4	9.0
200-220	1.3	2.3	4.5	1.4	1.3	.1						10.9	11.7	12.0
230-250	.9	2.9	5.9	1.8	.2							11.7	11.0	11.0
(W) 260-280	1.2	1.6	1.8	1.2	.1							5.9	9.8	10.0
290-310	1.6	1.5	2.0	.3	.2							5.7	8.5	8.0
320-340	2.2	1.6	1.2	.1		.1						5.2	7.2	6.5
VARIABLE		3.5	2.2	.3	.1							6.1	9.6	8.0
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	15.2	30.7	38.0	11.3	2.3	.2						100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.1	4.4	.6	.1							11.5	8.8	9.0
020-040	1.9	3.2	4.2	.6								10.0	8.7	9.0
050-070	.3	2.3	1.7	1.0								5.3	10.2	10.0
(E) 080-100	.5	2.5	2.6	1.2	.1							6.9	10.4	10.5
110-130	1.1	2.5	3.7	1.4	.1							8.7	10.3	11.0
140-160	.8	2.9	2.8	.1								6.6	8.6	9.0
(S) 170-190	.9	3.0	1.7	.8								6.3	8.7	8.0
200-220	1.4	3.2	4.8	1.5	.3	.3						11.6	10.7	10.0
230-250	1.3	4.0	4.8	1.6	.2							11.9	9.8	10.0
(W) 260-280	1.0	4.0	2.5	1.6								9.0	9.8	8.5
290-310	.6	1.8	.9	.3	.3							4.0	9.4	8.0
320-340	1.2	2.0	1.1									4.3	6.7	7.0
VARIABLE		1.4	.9		.1							2.4	9.6	8.5
CALM	////////////////////////////////////											1.5	////////	
TOTALS	13.3	36.9	36.1	10.7	1.2	.3						100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.6	3.1	.1								10.6	7.4	7.0
020-040	2.7	5.5	2.4									10.5	6.8	7.0
050-070	1.2	3.3	2.0	.4								7.0	8.4	8.0
(E) 080-100	1.5	4.8	2.3	.2								8.8	7.5	7.0
110-130	1.8	4.3	2.5	.1								8.7	7.7	8.0
140-160	2.0	4.3	1.7	.1								8.2	7.1	7.0
(S) 170-190	2.0	5.6	1.4	.2	.1							9.4	6.9	7.0
200-220	2.0	5.2	2.8	1.0	.4	.2						11.6	9.1	8.0
230-250	2.5	3.7	2.7	.3	.1							9.2	7.6	8.0
(W) 260-280	1.7	2.0	1.2	.4								5.4	7.5	7.0
290-310	1.1	1.5	.6		.2							3.4	7.8	7.0
320-340	1.1	1.7	.1	.1								3.0	5.7	5.0
VARIABLE		.1	.2									.3	11.0	10.0
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	22.4	46.6	23.0	2.9	.8	.2						100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	4.3	1.7									9.6	6.0	6.0
020-040	4.0	4.6	.6									9.2	5.3	5.0
050-070	2.4	2.2	.4									4.9	5.2	5.0
(E) 080-100	4.1	3.5	.8									8.4	5.0	5.0
110-130	3.5	5.1	.9									9.5	5.6	6.0
140-160	4.6	4.4	.8									9.8	5.4	5.0
(S) 170-190	4.1	4.9	1.3	.3								10.6	6.0	6.0
200-220	3.1	4.7	3.1	.4	.3							11.7	7.8	8.0
230-250	2.7	3.3	2.4	.2	.1							8.7	7.4	7.0
(W) 260-280	.9	1.7	.5									3.1	6.4	6.0
290-310	1.0	.9	.1									1.9	4.7	4.5
320-340	1.9	1.4	.3									3.7	4.7	4.0
VARIABLE		.1										.1	9.0	9.0
CALM	////////////////////////////////////											8.7	////////	
TOTALS	35.8	41.1	12.9	.9	.4							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.2	2.7	.3	.0							9.6	7.7	8.0
020-040	2.8	3.6	1.7	.2	.0							8.4	6.6	6.0
050-070	1.5	1.9	1.5	.4	.0							5.4	8.1	8.0
(E) 080-100	1.9	2.8	1.4	.5	.0							6.6	7.4	7.0
110-130	2.3	3.1	2.0	.5	.0							7.8	7.5	7.0
140-160	2.6	3.5	1.6	.1								7.7	6.6	6.0
(S) 170-190	2.3	3.8	1.9	.3	.0							8.4	7.3	7.0
200-220	2.1	4.1	3.9	.9	.4	.1						11.5	9.2	9.0
230-250	1.9	4.0	3.8	1.1	.2							11.0	9.1	9.0
(W) 260-280	1.1	2.0	1.5	.6	.0							5.2	8.6	8.0
290-310	1.1	1.8	.9	.1	.1							4.0	7.4	7.0
320-340	1.8	2.8	1.1	.1		.0						5.7	6.5	6.0
VARIABLE	1.0	.6	.1	.0								1.7	9.5	9.0
CALM	////////////////////////////////////											7.0	////////////////////////////////	
TOTALS	23.7	38.6	24.6	5.2	.7	.1						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.8	10.9	7.7	.2							22.7	7.9	8.0
020-040	4.0	7.7	2.3								14.1	6.4	6.0
050-070	2.0	3.1	1.1	.1							6.2	6.4	7.0
(E) 080-100	2.5	2.0	.7								5.3	5.6	5.0
110-130	3.2	1.7	.6								5.5	5.0	4.0
140-160	2.2	1.8	1.0								5.0	5.5	5.0
(S) 170-190	2.3	1.4	.5								4.2	5.3	4.0
200-220	1.5	1.2	1.0	.2							3.8	6.9	7.0
230-250	1.6	2.5	1.8		.1						6.0	7.3	7.0
(W) 260-280	1.0	1.6	.3	.1							3.0	6.5	6.0
290-310	1.5	1.9	.2								3.6	5.3	5.5
320-340	2.3	5.9	1.4	.2							9.9	6.5	6.0
VARIABLE													
CALM	////////////////////////////////////										10.7	////////	
TOTALS	27.9	41.7	18.6	.8	.1						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 944

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	3.0	.4									5.4	5.6	6.0
020-040	2.4	1.7	.2									4.3	4.6	4.0
050-070	1.3	1.2	.9	.1								3.6	6.7	7.0
(E) 080-100	2.7	3.9	.9									7.4	6.0	6.0
110-130	1.9	2.3	.4									4.7	5.2	5.0
140-160	5.0	1.3	.1									6.4	3.6	3.0
(S) 170-190	2.3	2.8	.6									5.7	5.8	5.0
200-220	4.1	4.9	1.4	.4								10.9	6.3	6.0
230-250	4.3	11.0	3.2	.3	.1							19.0	7.0	7.0
(W) 260-280	2.1	4.2	.9	.3								7.6	6.6	6.0
290-310	1.8	2.7	.6									5.0	5.6	5.0
320-340	3.7	2.3	.3									6.3	4.8	4.0
VARIABLE			.1									.1	10.0	10.0
CALM	////////////////////////////////////											13.6	////////	////
TOTALS	33.6	41.3	10.0	1.1	.1							100.0	5.1	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.6	.3									5.0	5.2	5.0
020-040	1.9	2.3	.1									4.3	5.2	5.0
050-070	1.2	1.6	.7									3.4	6.2	6.0
(E) 080-100	2.2	2.9	.2	.3								5.7	5.8	5.0
110-130	2.8	2.9	.2									5.9	5.0	5.0
140-160	2.8	1.2										4.0	4.2	4.0
(S) 170-190	3.2	1.7	.6									5.4	4.7	4.0
200-220	4.2	5.8	1.7	.1								11.8	6.2	6.0
230-250	4.9	8.7	3.8	.4								17.8	6.9	7.0
(W) 260-280	3.0	4.1	1.6	.1								8.8	6.3	6.0
290-310	2.1	2.1	1.1									5.3	5.8	5.0
320-340	3.2	3.2	.9									7.3	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											15.2	////////	
TOTALS	33.6	39.1	11.2	.9								100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.0	1.2									6.3	7.1	7.0
020-040	1.3	3.1	.9									5.3	6.6	6.0
050-070	1.1	1.9	1.2	.1								4.3	7.7	7.0
(E) 080-100	1.4	2.3	.8									4.6	6.5	7.0
110-130	1.3	2.4	2.1	.1								6.0	7.6	7.0
140-160	1.4	1.4	.3									3.2	5.3	5.0
(S) 170-190	2.3	1.6	.3									4.2	4.9	4.0
200-220	2.4	4.0	3.4	.3								10.2	8.0	8.0
230-250	3.3	9.2	6.4	.7								19.7	8.0	8.0
(W) 260-280	3.4	5.3	3.0	.3								12.1	7.5	8.0
290-310	1.8	2.7	3.0	.2								7.7	8.1	8.0
320-340	3.0	4.1	2.2	.2								9.6	6.9	6.0
VARIABLE		.2	.2	.1								.6	11.0	12.0
CALM	////////////////////////////////////											6.2	////////	////////
TOTALS	23.8	42.2	25.0	2.0								100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	4.7	1.7	.2								7.6	7.8	7.5
020-040	1.1	2.3	1.2									4.7	6.8	6.5
050-070	.9	1.4	1.1	.2								3.7	7.7	8.0
(E) 080-100	.7	1.1	1.4	.7								3.9	9.5	10.0
110-130	1.0	1.2	1.8	.4								4.4	8.5	9.5
140-160	2.2	.7	.9									3.8	5.2	4.0
(S) 170-190	1.7	2.1	.2									4.0	5.3	5.0
200-220	2.1	2.4	2.8	1.1								8.4	8.8	8.5
230-250	2.1	7.1	7.2	1.2	.1							17.8	9.2	9.0
(W) 260-280	1.1	5.4	5.4	1.0	.1							13.1	9.3	9.5
290-310	1.6	3.0	4.6	.4								9.6	8.8	10.0
320-340	2.8	4.7	3.9	.2								11.6	7.7	8.0
VARIABLE		2.7	1.8	.3								4.8	9.6	9.0
CALM	////////////////////////////////////											2.8	////////	
TOTALS	18.3	38.8	34.0	5.7	.2							00.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	5.0	2.3	.3								8.7	8.3	8.0
020-040	1.2	2.4	1.8									5.4	7.6	7.0
050-070	.3	1.0	1.7	.1								3.1	9.2	10.0
(E) 080-100	.9	1.4	1.3	.7	.1							4.4	9.3	9.0
110-130	.9	1.0	1.8	.2								3.9	8.7	10.0
140-160	1.0	1.2	1.3									3.6	7.4	8.0
(S) 170-190	1.2	2.3	1.2	.3								5.1	7.7	7.0
200-220	1.6	2.4	2.4	1.9								8.3	9.6	10.0
230-250	1.7	4.4	7.7	1.9	.3							16.0	10.3	10.0
(W) 260-280	2.2	4.6	5.8	1.3	.1							14.0	9.2	10.0
290-310	1.8	4.6	3.7	.9	.2							11.1	8.9	8.5
320-340	2.7	3.0	2.3									8.0	6.9	7.0
VARIABLE		3.0	2.9	.3								6.2	9.6	10.0
CALM	////////////////////											2.1	////////	
TOTALS	16.5	36.3	36.2	7.9	.7							100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	6.4	1.9	.3								11.4	6.8	6.0
020-040	.9	2.4	3.0	.3								6.7	8.3	9.5
050-070	.4	1.3	1.2	.4								3.4	9.6	9.0
(E) 080-100	1.7	1.4	2.7	1.0								6.8	9.1	10.0
110-130	.6	1.2	1.9	.3								4.0	9.2	10.0
140-160	.9	2.6	1.7									5.1	7.7	8.0
(S) 170-190	1.0	3.1	1.2	.2								5.6	7.5	7.5
200-220	1.8	1.8	2.6	.7	.1							6.9	8.8	8.5
230-250	1.7	4.2	6.4	1.9	.2							14.4	10.0	10.0
(W) 260-280	1.6	4.1	6.6	1.4								13.7	9.8	10.0
290-310	2.1	2.9	2.9	.8	.2							8.9	8.6	9.0
320-340	2.4	2.9	.9	.2								6.4	6.1	5.5
VARIABLE		2.3	1.2	.2								3.8	9.4	9.0
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	17.9	36.6	34.2	7.7	.5							100.0	8.4	8.5

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.8	1.1									7.4	6.1	6.0
020-040	1.3	5.4	1.9	.1								8.8	7.2	7.0
050-070	1.9	2.6	.7	.3								5.4	6.7	6.0
(E) 080-100	1.9	3.7	2.8	.1								8.4	7.4	8.0
110-130	1.0	3.0	1.2	.2								5.4	7.2	7.0
140-160	1.2	4.6	.7									6.4	6.4	6.5
(S) 170-190	1.2	1.9	.4									3.6	5.6	6.0
200-220	1.9	5.4	2.6	.7	.1							10.7	7.9	7.5
230-250	2.8	7.1	3.9	.4								14.2	7.6	8.0
(W) 260-280	2.1	5.0	2.1	.4								9.7	7.6	7.0
290-310	1.4	3.4	1.7	.3								6.9	7.8	8.0
320-340	2.2	2.1	.9	.3								5.6	6.4	5.0
VARIABLE		.1	.3									.4	11.5	13.0
CALM	////////////////////											7.0	////////	
TOTALS	21.5	48.1	20.3	2.8	.1							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.7	.7									5.9	5.1	5.0
020-040	1.8	2.9	.8									5.4	6.0	6.0
050-070	2.4	2.1	.8	.1								5.4	5.4	5.0
(E) 080-100	2.1	4.8	1.0									7.9	6.5	7.0
110-130	3.0	3.2	.2									6.4	5.1	5.0
140-160	3.7	3.3	.1									7.1	4.5	4.0
(S) 170-190	3.9	2.0	1.0									6.9	5.1	4.0
200-220	3.6	4.8	.7	.7	.1							9.8	6.6	6.0
230-250	3.7	8.6	2.7	.1								15.0	7.1	7.0
(W) 260-280	2.1	3.9	1.0	.1								7.1	6.3	6.0
290-310	2.7	3.1	.6									6.3	5.4	5.0
320-340	2.0	1.7	.8									4.4	5.6	5.0
VARIABLE			.1									.1	10.0	10.0
CALM	////////////////////////////////////											12.1	////////	
TOTALS	33.6	43.1	10.5	1.0	.1							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.0	1.2	.1								7.2	6.7	6.0
020-040	1.5	2.8	1.2	.1								5.6	6.7	6.0
050-070	1.2	1.6	1.0	.2								4.1	7.2	7.0
(E) 080-100	1.7	2.7	1.4	.3	.0							6.1	7.4	7.0
110-130	1.6	2.2	1.2	.2								5.1	6.8	6.0
140-160	2.3	2.0	.6									5.0	5.4	5.0
(S) 170-190	2.1	2.2	.7	.1								5.1	5.8	6.0
200-220	2.7	3.9	2.2	.7	.0							9.6	7.6	7.0
230-250	3.1	7.5	5.2	.9	.1							16.7	8.2	8.0
(W) 260-280	2.2	4.6	3.3	.6	.0							10.7	8.1	8.0
290-310	1.9	3.1	2.3	.3	.1							7.6	7.7	8.0
320-340	2.8	3.0	1.5	.1								7.4	6.4	6.0
VARIABLE		1.0	.8	.1								2.0	9.7	9.0
CALM	////////////////////////////////////											7.7	////////////////////////////////	
TOTALS	25.0	40.6	22.6	3.7	.2							100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	10.2	1.9									14.7	6.7	7.0
020-040	2.1	6.6	2.0									10.7	7.0	7.0
050-070	2.2	2.5	.7	.3								5.7	6.4	6.0
(E) 080-100	1.6	3.1	1.3									6.0	6.9	7.0
110-130	1.7	5.0	1.5									8.2	6.8	7.0
140-160	3.0	1.1	.8									4.9	5.0	4.0
(S) 170-190	2.5	.9	.4									3.8	4.6	4.0
200-220	2.0	2.9	2.0	.2								7.2	7.4	7.0
230-250	2.8	5.3	2.1	.1								10.3	6.9	7.0
(W) 260-280	2.1	2.6	1.1	.1								5.9	6.4	6.0
290-310	2.8	2.0	.9									5.7	5.4	5.0
320-340	4.5	3.5	.8									8.7	4.8	.0
VARIABLE														
CALM	////////////////////											8.2	////////	
TOTALS	30.0	45.7	15.5	.7								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.6	.1									4.3	4.2	4.0
020-040	2.7	1.8										4.5	4.7	4.0
050-070	1.1	.8	.3									2.2	5.4	5.0
(E) 080-100	2.5	2.0	.2									4.7	4.9	4.0
110-130	3.8	1.4	.3									5.5	4.1	4.0
140-160	4.0	1.1										5.1	3.4	3.0
(S) 170-190	3.2	1.7										4.9	4.0	4.0
200-220	5.6	5.1	1.1									11.7	5.4	5.0
230-250	6.2	8.2	1.8									16.2	5.8	6.0
(W) 260-280	2.8	5.1	.5									8.4	5.7	6.0
290-310	2.0	3.1	1.0									6.1	6.1	6.0
320-340	2.4	1.8	.4									4.6	4.9	4.0
VARIABLE		.1										.1	9.0	9.0
CALM	////////////////////////////////////											21.6	////////	
TOTALS	38.9	33.8	5.7									100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.4	.2	.3								3.7	5.9	5.0
020-040	2.2	1.8	.1									4.1	5.0	4.0
050-070	1.8	.3	.2									2.4	4.0	2.0
(E) 080-100	1.4	1.0	.3									2.7	5.2	4.0
110-130	2.4	1.5	.2									4.1	4.7	4.0
140-160	4.0	.8	.2									4.9	3.8	3.0
(S) 170-190	2.4	1.8	.1									4.3	4.8	4.0
200-220	5.7	4.2	1.4									11.3	5.4	4.0
230-250	7.4	8.8	1.1									17.3	5.3	5.0
(W) 260-280	3.9	5.9	1.1									10.9	5.8	6.0
290-310	2.4	1.9	.8									5.1	5.5	5.0
320-340	3.4	2.3	.6	.1								6.5	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											22.9	////////	
TOTALS	38.7	31.7	6.3	.4								100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.2	.5	.2								4.9	5.9	5.5
020-040	1.5	3.1	.3									4.9	5.8	6.0
050-070	.5	1.5	.4	.1								2.6	6.8	6.0
(E) 080-100	2.2	1.8	.1									4.1	4.7	4.0
110-130	1.6	1.6	.2									3.4	5.0	5.0
140-160	2.3	1.2										3.4	4.0	4.0
(S) 170-190	2.7	1.5	.4									4.6	4.9	4.0
200-220	2.9	4.3	1.4	.1								8.7	6.4	7.0
230-250	4.6	8.6	4.4	.2								17.8	7.3	8.0
(W) 260-280	3.2	6.6	2.7	.1								12.6	6.9	7.0
290-310	3.0	4.6	2.7									10.3	7.1	7.0
320-340	3.1	5.4	1.9	.1								10.5	6.6	6.0
VARIABLE		.5	.3									.9	9.0	.5
CALM	////////////////////											11.1	////////	
TOTALS	29.6	42.9	15.3	.8								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.3	2.0	.3								9.0	7.1	7.0
020-040	1.5	3.9	.9									6.2	6.8	7.0
050-070	1.2	1.5	.8	.1								3.5	7.0	6.0
(E) 080-100	1.0	1.1	.6									2.7	6.6	6.0
110-130	1.4	1.4	.5									3.3	6.1	6.0
140-160	1.8	2.0	.5									4.4	5.8	6.0
(S) 170-190	1.6	1.0	.4									3.0	5.3	4.0
200-220	1.8	4.0	1.9	.1								7.8	6.9	6.0
230-250	2.2	4.4	7.7	.6								14.9	8.9	10.0
(W) 260-280	2.5	5.3	5.6	.4								13.8	8.3	9.0
290-310	2.7	5.6	3.3	.2								11.8	7.6	7.0
320-340	2.2	5.7	2.8									10.6	7.1	7.0
VARIABLE	.2	2.2	1.5	.3								4.2	9.3	9.0
CALM	////////////////////////////////////											4.5	////////	
TOTALS	22.5	42.4	28.5	2.0								100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	4.3	2.5	.1								9.4	7.1	6.0
020-040	.8	2.5	1.5	.2								4.9	8.0	8.0
050-070	1.0	1.6	.3	.1								3.0	6.4	6.0
(E) 080-100	1.1	2.0	1.3									4.4	7.2	7.0
110-130	.9	1.0	1.2	.1								3.1	7.7	8.0
140-160	.6	1.7	.3	.1								2.8	6.5	6.0
(S) 170-190	1.2	1.2	.5									2.9	5.9	5.0
200-220	1.0	3.3	2.8	.1								7.2	8.5	8.0
230-250	1.2	4.3	6.3	1.0	.2							13.0	9.9	10.0
(W) 260-280	2.8	6.1	6.0	.5								15.5	8.5	9.0
290-310	2.7	5.2	3.8	.3								11.9	7.8	8.0
320-340	3.2	5.8	2.8	.1								11.9	6.8	6.0
VARIABLE	.1	3.2	2.6	.1								6.0	9.2	9.0
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	19.1	42.2	31.9	2.7	.2							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	5.2	2.5	.1								10.5	7.1	7.0
020-040	.9	3.5	1.9									6.3	7.5	8.0
050-070	.9	1.6	1.6									4.1	7.6	8.0
(E) 080-100	1.0	2.4	1.8									5.2	7.6	7.5
110-130	.9	1.2	1.6									3.7	8.0	8.5
140-160	1.0	2.8	.3									4.1	6.1	6.0
(S) 170-190	.4	2.4	.6	.1								3.5	7.4	7.0
200-220	1.1	2.2	3.5	.2								7.0	8.8	10.0
230-250	1.8	3.5	4.4	1.0	.1							10.9	9.0	10.0
(W) 260-280	3.0	6.9	4.2		.1							14.2	7.6	7.0
290-310	2.8	6.2	2.9	.3								12.3	7.4	7.0
320-340	3.2	5.3	2.3	.1								10.9	6.6	6.0
VARIABLE		2.5	2.0									4.5	9.4	9.0
CALM	////////////////////////////////////											2.9	////////	
TOTALS	19.8	45.7	29.6	1.8	.2							100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	2.7	.4	.3								7.2	5.3	4.0
020-040	1.8	4.6	1.2									7.6	6.5	6.0
050-070	1.0	2.7	.6									4.3	6.5	6.5
(E) 080-100	1.1	4.6	1.3									7.0	7.0	7.0
110-130	1.7	3.7	.6									6.0	6.4	6.0
140-160	1.3	2.5	.4									4.2	6.4	7.0
(S) 170-190	2.0	3.1	.3	.1								5.6	6.0	6.0
200-220	1.2	3.1	1.9	.2								6.5	8.1	8.0
230-250	3.5	4.2	2.4	.3								10.4	7.2	7.0
(W) 260-280	3.7	4.8	1.3	.3								10.1	6.2	6.0
290-310	2.2	4.1	2.2	.2								8.6	7.5	7.0
320-340	4.6	4.9	1.2	.1								10.9	5.5	5.0
VARIABLE		.1	.2									.3	9.3	10.0
CALM	////////////////////											11.3	////////	
TOTALS	27.9	45.1	14.0	1.5								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LSI TO UTC: - 0

PERIOD OF RECORD: JUN 78 MAY 88
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.4	.2									4.2	4.3	4.0
020-040	2.3	3.0	.3									5.6	5.4	5.0
050-070	1.6	1.6	.3									3.5	5.3	6.0
(E) 080-100	3.9	2.9	.4									7.2	4.7	4.0
110-130	3.5	2.9	.1									6.6	4.7	4.0
140-160	4.2	3.4										7.6	4.4	4.0
(S) 17-190	4.3	2.2	.1									6.6	4.2	4.0
200-220	4.3	4.1	2.3									10.6	6.1	6.0
230-250	5.3	4.9	1.4									11.6	5.3	5.0
(W) 260-280	2.5	4.8	.8									8.1	5.9	6.0
290-310	2.2	2.9	.8	.1								5.9	5.5	5.0
320-340	2.9	1.8	1.0									5.7	5.1	4.0
VARIABLE		.1										.1	8.0	8.0
CALM	////////////////////////////////////											16.7	////////////////////////////////	
TOTALS	39.6	36.0	7.7	.1								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.5	2.9	1.1	.2								6.7	6.2	6.0
020-040	1.7	3.0	.8	.0								5.5	6.3	6.0
050-070	1.1	1.5	.6	.0								3.2	6.3	6.0
(E) 080-100	1.7	2.2	.8									4.7	6.0	6.0
110-130	2.0	1.8	.6	.0								4.5	5.6	5.0
140-160	2.4	1.9	.2	.0								4.6	4.9	4.0
(S) 170-190	2.2	1.9	.3	.0								4.4	5.2	4.0
200-220	2.9	3.8	2.0	.1								8.9	6.7	6.0
230-250	4.0	5.9	3.7	.4	.0							14.0	7.2	7.0
(W) 260-280	3.0	5.7	2.8	.2	.0							11.7	7.1	7.0
290-310	2.5	4.2	2.2	.1								9.0	7.0	7.0
320-340	3.1	4.1	1.6	.1								9.0	6.2	6.0
VARIABLE	.0	1.1	.8	.1								2.	9.3	9.0
CALM	////////////////////////////////////										11.9	////////////////////////////////		
TOTALS	29.1	40.0	17.5	1.2								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS),
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	6.7	2.5	1.0								13.8	7.2	6.5
020-040	3.2	7.5	1.8									12.5	6.6	7.0
050-070	2.0	2.1	1.1	.1								5.4	6.4	6.0
(E) 080-100	2.3	4.2	1.4									7.8	6.2	6.0
110-130	2.6	2.0	.1									4.8	4.5	4.0
140-160	1.9	1.1	.1									3.1	4.2	4.0
(S) 170-190	1.4	1.3	.1									2.9	5.1	4.5
200-220	2.0	2.0	.8									4.9	6.3	7.0
230-250	3.0	4.4	3.0	.2								10.6	7.0	7.0
(W) 260-280	2.1	2.1	.7									5.0	6.0	6.0
290-310	1.9	1.0	2.0									4.9	7.3	7.0
320-340	2.0	4.2	3.7	.5								10.3	8.0	8.0
VARIABLE														
CALM	////////////////////											14.1	////////	
TOTALS	28.1	38.6	17.3	1.8								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 841

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.0										3.1	3.8	4.0
020-040	1.7	1.4	.1									3.2	4.5	4.0
050-070	.5	.8										1.3	5.1	5.0
(E) 080-100	2.6	1.4										4.0	4.2	4.0
110-130	4.7	.6										5.4	3.3	3.0
140-160	3.7	1.1	.3	.2								5.3	4.8	4.0
(S) 170-190	3.5	3.7	.6									7.8	5.1	5.0
200-220	5.5	6.2	2.7	.3								14.7	6.5	6.0
230-250	5.6	6.9	2.4	.2								15.1	6.3	6.0
(W) 260-280	2.9	3.4	1.5	.1								8.0	6.2	6.0
290-310	3.2	1.3	.5	.1								5.2	4.6	3.0
320-340	2.5	1.8	.4	.2								4.9	3.8	4.5
VARIABLE		.1										.1	9.0	9.0
CALM	////////////////////											21.9	////////	
TOTALS	50.6	29.7	8.5	1.1								100.0	4.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTL: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	.9										3.4	3.7	4.0
020-040	1.4	.6	.1									2.2	4.3	4.0
050-070	1.1	.8	.2									2.0	4.6	4.0
(E) 080-100	2.3	.9	.1									3.2	4.0	4.0
110-130	3.5	1.3										4.8	3.5	3.0
140-160	3.5	1.8	.2									5.6	4.2	4.0
(S) 170-190	3.5	2.9	1.0	.4								7.8	6.1	5.0
200-220	4.0	6.0	1.5	.3	.1							11.9	6.5	6.0
230-250	7.2	6.8	2.2									16.1	5.8	5.0
(W) 260-280	4.1	4.6	.8	.1								9.6	5.4	5.0
290-310	.8	1.9	.3	.3								3.3	6.9	6.0
320-40	2.6	2.6	.2									5.4	5.3	5.0
VARIABLE														
CALM	////////////////////										24.5	////////		
TOTALS	36.6	31.1	6.6	1.1	.1							100.0	4.1	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.0	.3									4.3	4.9	5.0
020-040	.9	1.4	.3									2.6	5.9	6.0
050-070	1.6	1.4	.5									3.5	5.1	5.0
(E) 080-100	1.8	1.7	.3									3.9	5.1	5.0
110-130	2.9	1.6	.3									4.8	4.4	4.0
140-160	1.7	1.9	.5									4.2	5.6	5.0
(S) 170-190	2.9	2.7	1.5									7.1	6.1	5.0
200-220	2.6	7.5	2.8	.5	.3							13.8	7.9	7.5
230-250	4.0	8.0	3.5	.9								16.3	7.2	6.0
(W) 260-280	4.3	5.5	1.5	.5								11.8	6.5	6.0
290-310	3.1	2.9	1.0	.1								7.1	5.9	5.0
320-340	2.0	4.1	1.4	.2								7.7	7.0	6.5
VARIABLE		.2	.3									.5	9.4	10.0
CALM	////////////////////////////////////											12.3	////////	
TOTALS	29.7	40.9	14.2	2.2	.3							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.8	1.7									6.1	7.3	8.0
020-040	1.2	2.3	.8									4.2	6.4	6.0
050-070	1.4	1.7	.4									3.5	5.8	5.0
(E) 080-100	1.3	2.3	1.0									4.5	6.5	6.5
110-130	1.9	2.0	.4									4.4	5.3	5.0
140-160	1.0	1.6	.5									3.1	6.2	6.0
(S) 170-190	1.0	2.7	1.6	.1								5.4	7.6	7.0
200-220	1.9	4.4	4.6	1.4	.1	.1						12.6	9.5	9.0
230-250	1.9	3.9	5.5	2.4								13.7	9.9	10.0
(W) 260-280	2.8	3.9	4.3	.6								11.6	8.4	8.0
290-310	2.4	5.9	3.3	.9								12.5	8.0	8.0
320-340	2.8	4.2	2.4	.1								9.5	6.9	6.0
VARIABLE		2.5	1.4	.2								4.1	9.7	9.0
CALM	////////////////////////////////////											4.8	////////	////
TOTALS	21.2	40.2	27.9	5.7	.1	.1						100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.3	1.5									7.6	6.9	7.0
020-040	.6	2.8	1.1									4.5	7.5	8.0
050-070	1.3	1.0	.6	.2								3.1	6.8	7.0
(E) 080-100	.8	1.4	.6									2.8	6.6	6.0
110-130	2.3	2.7	.5									5.5	5.5	5.0
140-160	1.1	1.3	.4	.2								3.0	6.4	5.0
(S) 170-190	.4	1.4	1.5	.4								3.8	9.2	10.0
200-220	1.2	4.0	5.6	1.4	.3							12.5	10.2	10.0
230-250	1.1	4.3	4.5	2.0	.3							12.3	10.4	10.0
(W) 260-280	1.9	4.7	5.3	1.4	.1							13.4	9.2	10.0
290-310	2.2	5.6	4.1	.4								12.3	8.2	8.0
320-340	1.7	4.7	2.2	.2								8.8	7.4	7.0
VARIABLE	4	3.4	2.5	.3								6.7	9.3	9.0
CALM	////////////////////////////////////											3.8	////////	
TOTALS	16.8	41.6	30.4	6.5	.7							100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	5.8	1.0	.1								8.1	6.9	7.0
020-040	1.8	4.1	1.3									7.2	6.8	7.0
050-070	1.3	1.8	1.0	.1								4.2	7.4	8.0
(E) 080-100	1.1	2.2	.9									4.1	6.8	7.0
110-130	.8	2.3	1.1	.1								4.2	7.4	7.0
140-160	.5	1.7	.3	.1								2.7	6.7	6.0
(S) 170-190	.5	2.2	1.4	.3								4.4	8.8	9.0
200-220	1.7	2.8	4.4	2.0	.3							11.3	10.3	11.0
230-250	1.1	3.9	5.9	1.6	.2							12.7	10.6	11.0
(W) 260-280	2.4	6.0	4.1	1.7								14.2	8.8	8.5
290-310	2.7	6.1	3.8	.5								13.1	7.8	8.0
320-340	2.5	3.1	1.1	.1								6.8	5.9	5.0
VARIABLE		2.2	1.1	.2								3.4	9.5	9.0
CALM	////////////////////////////////////											3.7	////////	
TOTALS	17.6	44.2	27.4	6.8	.5							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.0	.2	.1								7.1	4.9	4.0
020-040	2.6	4.3	.2									7.1	5.7	6.0
050-070	2.3	2.6	.5	.1								5.5	5.7	5.0
(E) 080-100	2.0	3.4	.4									5.9	5.6	5.0
110-130	1.7	2.9	.4	.2								5.3	6.2	6.0
140-160	2.7	4.0	.3									7.0	5.4	6.0
(S) 170-190	2.2	3.2	.6	.1								6.1	6.4	7.0
200-220	2.4	2.8	2.4	1.5								9.0	8.8	9.0
230-250	3.4	6.5	3.2	.8	.1							14.0	7.5	7.0
(W) 260-280	1.8	5.2	2.7	.2								9.9	7.5	7.0
290-310	2.7	2.3	1.6									6.6	6.2	5.0
320-340	2.6	2.6	.4	.1								5.7	5.4	5.0
VARIABLE	.2											.2	12.0	12.0
CALM	////////////////////////////////////											10.6	////////////////////////////////	
TOTALS	30.2	42.8	13.1	3.1	.1							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.8										3.4	3.7	3.5
020-040	1.9	2.3										4.2	4.9	5.0
050-070	1.4	1.0	.1									2.5	4.7	4.0
(E) 080-100	4.0	1.5										5.5	3.7	4.0
110-130	4.5	2.6	.2	.1								7.4	4.5	4.0
140-160	5.4	3.7	.8									9.8	4.7	4.0
(S) 170-190	3.4	2.8	.4									6.7	4.8	4.0
200-220	4.1	5.2	2.4	.3								11.9	6.7	7.0
230-250	4.3	6.3	3.2	.3								14.2	6.9	6.0
(W) 260-280	2.7	3.3	.9	.2								7.1	6.1	6.0
290-310	2.0	1.8	.6									4.5	5.6	5.0
320-340	3.2	1.3	.1	.2	.1							4.9	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											17.8	////////	
TOTALS	39.6	32.6	8.7	1.1	.1							100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.2	2.6	.6	.0								5.4	5.7	5.0
020-040		1.5	2.4	.5									4.4	6.0	6.0
050-070		1.4	1.4	.4	.1								3.2	5.8	5.0
(E) 080-100		2.0	1.8	.4									4.2	5.3	5.0
110-130		2.8	2.0	.4	.1								5.2	4.9	4.0
140-160		2.4	2.1	.4	.1								5.1	5.2	5.0
(S) 170-190		2.2	2.7	1.1	.2								6.1	6.5	6.0
200-220		2.9	4.9	3.3	1.0	.1	.0						12.2	8.2	8.0
230-250		3.6	5.8	3.8	1.0	.1							14.3	7.9	8.0
(W) 260-280		2.9	4.6	2.6	.6	.0							10.7	7.5	7.0
290-310		2.4	3.5	1.9	.3								8.1	7.1	7.0
320-340		2.5	3.1	1.0	.1	.0							6.7	6.2	6.0
VARIABLE		.1	1.0	.7	.1								1.9	9.5	9.0
CALM		////////////////////////////////////										12.4	////////		
TOTALS		28.9	37.9	17.1	3.6	.2							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIA WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.6	3.6	.4	.1							8.7	4.8	4.0
020-040	1.5	3.4	.7								5.6	6.7	6.0
050-070	2.3	3.0	1.0	.2							6.5	6.1	5.0
(E) 080-100	3.1	2.9	.2								6.3	4.8	4.5
110-130	5.2	2.4	.2	.2							8.1	4.6	4.0
140-160	3.1	1.9	.5								5.6	4.8	4.0
(S) 170-190	3.1	1.3	1.0								5.4	5.4	4.0
200-220	2.8	2.1	.6								5.4	5.0	4.0
230-250	4.0	1.7	.4								6.1	4.3	4.0
(W) 260-280	4.0	3.1	.1								7.3	4.5	4.0
290-310	1.5	2.5	.6	.1							4.7	6.0	6.0
320-340	2.5	5.3	2.8	.4	.1						11.1	7.5	7.0
VARIABLE													
CALM	////////////////////										19.1	////////	
TOTALS	37.7	33.2	8.5	1.0	.1						100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 826

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.6	.2									1.9	4.9	4.0
020-040	1.2	.7										1.9	4.5	4.0
050-070	.6	.3										.9	4.1	3.5
(E) 080-100	1.6	.3										1.9	3.6	3.0
110-130	3.0	1.7										4.7	4.4	4.0
140-160	4.1	2.0	.4									6.6	4.6	4.0
(S) 170-190	6.2	2.0	1.3									9.6	4.8	4.0
200-220	5.0	7.3	3.3	.6	.6	.1						16.9	7.6	7.0
230-250	7.4	8.9	4.1	1.2	.4							22.1	7.3	6.0
(W) 260-280	3.0	4.0	1.3									8.3	5.9	5.0
290-310	1.6	1.7	.4									3.7	5.8	5.0
320-340	3.0	1.2	.1									4.3	4.1	4.0
VARIABLE														
CALM	////////////////////											17.3	////////	
TOTALS	37.8	30.7	11.1	1.8	1.0	.1						100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.8										1.7	4.3	4.0
020-040	.9	.7	.2									1.8	4.9	4.5
050-070	.9	.2	.1									1.2	3.7	2.0
(E) 080-100	.9											.9	2.5	2.5
110-130	2.9	1.1										4.0	3.8	4.0
140-160	5.1	1.1	.6	.1								6.9	4.4	3.5
(S) 170-190	4.6	3.3	1.2									9.1	5.3	4.5
200-220	6.9	7.4	2.1	.3	.3							17.1	6.4	6.0
230-250	7.3	9.8	4.4	1.1	.7	.1						23.4	7.6	7.0
(W) 260-280	3.1	4.2	.7	.1								8.1	6.1	6.0
290-310	1.2	.6	.8									2.8	6.5	6.0
320-340	1.4	1.3	.6									3.2	5.9	5.0
VARIABLE														
CALM	////////////////////											19.8	////////	
TOTALS	36.0	30.7	10.7	1.6	1.0	.1						100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.4		.1								1.8	4.7	4.0
020-040	.8	1.0	.1									1.9	4.9	5.0
050-070	.7	.6										1.2	4.5	4.0
(E) 080-100	1.3	.7										2.0	4.1	4.0
110-130	2.7	1.4	.1	.1	.1							4.4	5.0	4.0
140-160	4.1	2.4	.8									7.3	4.9	4.0
(S) 170-190	3.6	4.0	2.4	.1								10.1	6.7	6.0
200-220	6.0	7.6	1.9	.3	.2							16.0	6.4	6.0
230-250	4.8	11.1	5.3	1.3	.3	.1						23.0	7.9	7.0
(W) 260-280	2.4	5.0	3.3	.8	.2							11.8	8.4	8.0
290-310	1.1	2.6	1.3	.1								5.1	7.3	7.0
320-340	1.2	1.6	.4									3.2	5.8	5.0
VARIABLE				.1								.1	17.0	17.0
CALM	////////////////////////////////////											12.0	////////////////////////////////	
TOTALS	29.9	38.4	15.6	2.9	.8	.1						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.2	.6	.2								4.1	6.9	6.0
020-040	.6	1.4	.7									2.7	6.8	7.0
050-070	.2	.7	.3									1.2	7.5	8.0
(E) 080-100	.8	1.4	.6									2.8	6.5	6.0
110-130	1.0	1.6	.4									3.0	6.2	6.0
140-160	1.3	2.3	1.2	.6	.1							5.6	7.9	7.0
(S) 170-190	1.8	2.8	3.2	.4	.3							8.6	8.9	9.0
200-220	2.0	4.7	5.9	1.0								13.6	9.1	10.0
230-250	2.0	9.2	7.1	2.0	.8							21.1	9.7	9.0
(W) 260-280	1.7	6.4	4.3	2.8	.9	.2						16.3	10.4	10.0
290-310	1.3	3.1	4.1	1.0								9.6	9.7	10.0
320-340	1.2	2.8	2.0	.3	.1							6.4	8.0	7.0
VARIABLE		.7	.3									1.0	8.8	8.0
CALM	////////////////////////////////////											4.1	////////	
TOTALS	15.0	39.3	30.7	8.3	2.2	.2						100.0	8.7	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.0	.8	.2	.2							5.2	7.6	7.0
020-040	1.0	1.8	.6									3.3	6.5	6.0
050-070	.3	1.3	.2									1.9	6.7	6.0
(E) 080-100	.2	.6	.3									1.1	7.4	7.0
110-130	.6	1.1	1.1									2.8	7.8	6.0
140-160	.6	1.3	.7	.2	.1							2.9	8.9	9.0
(S) 170-190	.8	2.3	2.6	.7	.4	.1						6.9	10.2	10.0
200-220	1.6	5.7	7.1	1.4	.2	.1						16.1	9.9	10.0
230-250	1.1	6.2	7.9	2.3	.9							18.4	10.7	10.0
(W) 260-280	2.1	6.2	5.6	2.6	.8	.3						17.6	10.4	10.0
290-310	1.2	3.8	4.1	1.8	.1							11.0	10.2	10.0
320-340	1.1	2.3	1.3	.1	.1							5.0	8.0	8.0
VARIABLE		2.0	1.3	.2								3.6	9.6	9.0
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	11.6	37.6	33.6	9.5	2.8	.5						100.0	9.3	9.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.7	1.1	.4								5.4	7.2	6.0
020-040	.8	2.0	.6	.1								3.4	6.6	6.0
050-070	.1	1.9	.8									2.8	7.9	8.0
(E) 080-100	1.0	1.2	.2									2.4	5.5	5.5
110-130	1.0	1.6	.6									3.1	6.4	6.5
140-160	1.7	3.0	.8	.2								5.7	6.7	6.0
(S) 170-190	1.1	3.6	1.3	.9								6.9	8.5	8.0
200-220	1.7	6.1	4.8	1.6	.2							14.3	9.4	9.0
230-250	2.4	7.3	6.6	1.8	.6							18.7	9.4	9.0
(W) 260-280	2.4	6.8	4.3	3.1	.4							17.1	9.6	8.5
290-310	1.3	4.3	4.3	1.0	.2							11.2	9.5	9.0
320-340	2.0	1.7	.9									4.6	5.9	5.0
VARIABLE		.2	.1	.1								.4	10.0	9.0
CALM	////////////////////////////////////											3.9	////////	
TOTALS	17.7	41.4	26.4	9.2	1.4							100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.3	.4									3.3	5.3	5.0
020-040	1.3	1.2	.2									2.8	5.0	5.0
050-070	1.0	1.2	.3									2.6	5.9	6.0
(E) 080-100	1.8	1.6	.1									3.4	4.5	4.0
110-130	2.8	1.8										4.6	4.2	4.0
140-160	4.8	4.8	.8	.3								10.7	5.5	5.0
(S) 170-190	4.6	4.3	1.0		.3							10.2	5.9	5.0
200-220	3.9	5.3	2.9	.9	.1							13.1	7.6	7.0
230-250	3.2	5.2	3.7	.8	.2							13.1	7.9	7.0
(W) 260-280	3.8	5.6	1.8	.3	.1							11.6	6.7	6.0
290-310	.9	3.0	1.8	.3	.2							6.2	8.6	8.0
320-340	2.6	1.9	.3									4.8	5.0	4.0
VARIABLE				.2								.2	16.0	16.0
CALM	////////////////////											13.4	////////	
TOTALS	32.3	37.2	13.3	2.8	.9							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.2	.1									1.7	3.9	4.0
020-040	1.1	1.1										2.2	4.9	4.5
050-070	1.1	.2	.2	.1								1.7	4.8	2.0
(E) 080-100	1.7	.4										2.1	3.5	3.0
110-130	3.3	2.4	.2									6.0	4.4	4.0
140-160	5.0	3.8	.9									9.7	5.0	4.0
(S) 170-190	4.1	3.9	1.1	.2	.3							9.7	6.5	6.0
200-220	5.1	7.3	3.7	.1	.1							16.3	7.0	7.0
230-250	5.2	7.1	3.6	1.2	.4							17.6	7.8	7.0
(W) 260-280	2.2	5.0	.8	.1								8.1	6.2	6.0
290-310	1.3	2.3	1.2									4.9	6.7	6.0
320-340	2.1	1.8	.1									4.0	4.6	4.0
VARIABLE														
CALM	////////////////////											16.1	////////	
TOTALS	33.5	35.5	11.9	1.7	.8							100.0	5.2	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.3	1.3	.4	.1	.0							3.1	6.2	5.0
020-040		1.0	1.2	.3	.0								2.5	5.7	5.0
050-070		.6	.8	.3	.0								1.7	6.0	6.0
(E) 080-100		1.2	.8	.2									2.1	4.8	4.0
110-130		2.2	1.6	.3	.0	.0							4.1	5.0	4.0
140-160		3.3	2.6	.8	.2	.0							6.9	5.6	5.0
(S) 170-190		3.3	3.3	1.8	.3	.2	.0						8.9	6.9	6.0
200-220		4.0	6.4	4.0	.8	.2	.0						15.4	7.9	8.0
230-250		4.2	8.1	5.3	1.5	.5	.0						19.7	8.5	8.0
(W) 260-280		2.6	5.4	2.8	1.2	.3	.1						12.4	8.5	8.0
290-310		1.3	2.7	2.3	.5	.1							6.8	8.7	8.0
320-340		1.0	1.8	.7	.1	.0							4.4	6.1	6.0
VARIABLE			.4	.2	.1								.7	9.9	9.0
CALM		////////////////////////////////////										11.4	////////////////////////////////		
TOTALS		26.8	36.4	19.4	4.8	1.3	.1						100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.6	.8	.1								4.5	6.2	5.0
020-040	2.4	2.4	.4	.1								5.4	5.5	5.0
050-070	.8	.8	.4	.1								2.1	6.6	7.0
(E) 080-100	1.7	1.3	.1									3.1	4.7	4.0
110-130	8.0	4.2	.1		.1							12.4	4.3	4.0
140-160	7.6	4.1	.6									12.3	4.4	4.0
(S) 170-190	6.0	3.1	1.3		.2							10.6	5.5	4.0
200-220	3.1	3.3	1.0	.1								7.5	6.0	5.5
230-250	3.2	4.8	.7	.1								8.7	5.6	5.0
(W) 260-280	2.7	3.2	.8									6.6	5.6	5.0
290-310	1.2	1.2	1.4	.3								4.2	8.1	8.0
320-340	1.8	1.4	.6	.1	.1							4.0	5.8	5.0
VARIABLE														
CALM	////////////////////											18.4	////////	
TOTALS	40.6	31.4	8.2	.9	.4							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 903

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.5	.4									1.2	7.5	7.0
020-040	1.4	.9	.2									2.5	4.7	4.0
050-070	.9	.5	.5									1.9	5.6	5.0
(E) 080-100	2.3	.6										2.9	3.7	3.0
110-130	2.6	1.7	.1									4.4	4.6	4.0
140-160	5.3	2.8	.6	.1								8.8	4.9	4.0
(S) 170-190	3.9	4.7	2.9	.5								12.0	7.1	7.0
200-220	4.3	6.0	4.1	.9								15.3	7.4	7.0
230-250	3.3	5.9	5.7	1.7	.2	.1						17.0	9.2	8.0
(W) 260-280	1.1	3.9	1.2	.2	.1							6.5	8.0	7.5
290-310	.8	1.7	.5	.1								3.1	6.9	6.0
320-340	1.5	1.6	1.3	.3								4.7	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											19.7	////////////////////////////////	
TOTALS	27.6	30.8	17.5	3.8	.3	.1						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	.5	.1								1.7	8.2	8.0
020-040	1.0	.8										1.7	4.3	4.0
050-070	.8	.2	.5	.1								1.6	6.6	5.0
(E) 080-100	2.0	.1										2.2	3.3	3.0
110-130	4.2	1.9	.3	.1								6.6	4.5	4.0
140-160	3.7	2.7	.8									7.1	5.2	4.0
(S) 170-190	3.0	4.6	3.2	.4								11.3	7.6	7.0
200-220	5.3	6.7	4.0	1.2	.1		.1	.1				17.4	7.9	7.0
230-250	3.0	6.7	4.9	1.1								15.7	8.4	8.0
(W) 260-280	1.3	3.1	1.9	.6	.1							7.1	8.9	8.0
290-310	.3	1.1	.4									1.8	6.9	6.0
320-340	1.9	2.0	.6	.2								4.8	6.4	6.0
VARIABLE		.1										.1	8.0	8.0
CALM	////////////////////////////////////											20.9	////////	
TOTALS	26.7	30.9	17.1	3.8	.2		.1	.1				100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.1	.4	.1								2.6	6.6	5.5
020-040	1.0	.3	.1									1.4	4.2	3.0
050-070	.6	.3		.1	.2							1.3	7.8	5.0
(E) 080-100	1.5	1.2	.1									2.8	4.7	4.0
110-130	3.1	2.6	.4									6.1	4.8	4.0
140-160	4.7	3.4	1.3	.3								9.8	5.9	5.0
(S) 170-190	3.2	4.2	3.1	.6								11.2	7.6	7.0
200-220	3.7	6.0	4.7	1.4	.5			.1				16.5	8.8	8.0
230-250	3.5	8.3	5.4	1.3				.1	.1			18.7	8.5	8.0
(W) 260-280	1.8	3.5	1.9	.3								7.6	7.5	8.0
290-310	.6	.9	.9									2.4	7.3	7.0
320-340	.8	1.5	.8									3.0	7.1	7.0
VARIABLE														
CALM	////////////////////											16.7	////////	
TOTALS	25.5	33.3	19.1	4.1	.7			.2	.1			100.0	6.2	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.4	.9	.1								4.3	6.4	6.0
020-040	.6	.5	.3									1.5	6.0	5.5
050-070	.6	.9	.4	.1	.1							2.2	7.9	7.0
(E) 080-100	.6	1.6	.2	.1								2.6	6.4	6.0
110-130	1.4	2.9	1.7	.3								6.3	7.5	7.0
140-160	1.8	3.9	2.3	.3	.1							8.4	7.7	8.0
(S) 170-190	1.7	4.1	3.8	.8	.1							10.4	8.7	8.0
200-220	1.7	4.3	4.4	2.3	.9	.1						13.7	10.8	10.0
230-250	2.0	5.5	8.7	2.0	1.5	.2	.1					20.1	11.1	10.0
(W) 260-280	2.3	3.4	4.1	1.1	.3							11.2	9.4	9.0
290-310	1.3	2.2	2.4	.3	.2							6.3	8.9	8.0
320-340	1.0	2.4	1.4	.6								5.4	8.9	8.0
VARIABLE			.1	.1								.2	13.0	13.0
CALM	////////////////////											7.4	////////	
TOTALS	16.9	33.1	30.7	8.1	3.2	.3	.1					100.0	8.6	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.2	1.1	.1								5.1	6.8	6.0
020-040	.4	.8	.6		.1							1.9	8.6	8.5
050-070	.1	1.5	.3		.1							2.0	8.3	8.0
(E) 080-100	.4	2.2	.3	.1								3.0	7.6	8.0
110-130	1.0	3.5	1.8	.5								6.9	8.3	8.0
140-160	.6	2.9	1.9	.3								5.8	8.4	8.0
(S) 170-190	1.6	4.4	2.9	.9	.1	.1						10.0	9.0	8.0
200-220	1.6	4.6	4.9	1.9	1.1	.5						14.7	11.1	10.0
230-250	1.2	4.6	8.0	2.9	1.5	.2						18.4	11.8	11.0
(W) 260-280	1.6	3.1	4.2	1.8	.8	.2						11.7	11.1	12.0
290-310	1.7	2.0	4.2	.9	.3							9.1	9.7	10.0
320-340	2.5	2.6	1.5	.6	.2							7.4	8.0	6.0
VARIABLE		.3	.3	.1								.8	11.3	10.0
CALM	////////////////////////////////////											3.1	////////	
TOTALS	14.4	34.7	32.0	10.1	4.2	1.0						100.0	9.5	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.2	.8	.6								7.4	6.1	4.0
020-040	1.6	.5	.4									2.6	5.1	4.0
050-070	.9	2.0	.2									3.1	6.1	6.0
(E) 080-100	2.0	1.5	.6									4.2	5.6	5.0
110-130	.2	3.3	1.6	.1								5.3	8.3	8.0
140-160	2.6	3.5	1.8	.3								8.3	7.0	6.0
(S) 170-190	2.5	4.2	2.6	1.0	.2							10.4	8.3	9.0
200-220	2.8	5.1	4.2	1.8	.4							14.3	9.1	8.0
230-250	2.7	5.4	4.3	1.5	.4							14.3	9.1	8.0
(W) 260-280	1.5	4.5	3.2	1.4	.2							10.9	9.3	8.0
290-310	1.3	3.0	1.9	1.1	.1							7.4	8.9	8.0
320-340	1.6	1.7	.8	.2								4.3	6.5	6.0
VARIABLE		.1	.2	.1								.4	11.5	10.0
CALM	////////////////////											7.1	////////	
TOTALS	23.6	37.0	22.6	8.1	1.3							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.0		.1								3.5	3.8	3.0
020-040	1.9	.4	.1									2.5	3.9	3.0
050-070	1.8	1.3	.1									3.2	4.2	4.0
(E) 080-100	2.4	1.3	.1									3.8	4.2	4.0
110-130	2.0	3.7	.5	.1								6.3	5.9	6.0
140-160	5.1	2.7	1.5	.3								9.6	5.9	4.0
(S) 170-190	3.8	6.0	2.5	.5	.1							12.9	7.3	6.0
200-220	3.3	3.5	4.4	.9	.4	.2						12.8	9.1	8.0
230-250	2.5	6.7	3.4	1.3	.4							14.3	8.7	8.0
(W) 260-280	2.6	4.1	1.2	.2	.1							8.2	6.8	6.5
290-310	.9	1.7	1.1		.1							3.8	8.1	8.0
320-340	1.5	1.7	1.1	.2								4.5	6.7	7.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	30.3	34.1	16.0	3.6	1.1	.2						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.4										2.2	2.9	2.0
020-040	1.1	1.1	.2									2.4	5.1	5.0
050-070	1.3	.5	.3									2.2	4.8	4.0
(E) 080-100	1.8	1.0	.1									2.9	4.1	4.0
110-130	2.6	2.0	.2									4.8	5.0	4.0
140-160	3.3	2.7	1.2	.3								7.5	6.3	5.0
(S) 170-190	4.9	5.4	2.8	.5	.1							13.8	6.7	6.0
200-220	4.1	5.9	4.2	1.2	.3	.1						15.8	8.5	8.0
230-250	2.8	7.6	5.2	1.7	.2	.2						17.7	8.9	8.0
(W) 260-280	.9	1.2	1.8									3.9	8.7	9.0
290-310	1.3	2.0	.9	.1								4.3	6.5	6.0
320-340	1.1	1.3	1.5	.3								4.2	8.3	9.0
VARIABLE														
CALM	////////////////////											18.4	////////	
TOTALS	26.9	31.1	18.4	4.1	.6	.3						100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.2	.5	.1								3.5	6.0	5.0
020-040	1.1	.7	.3		.0							2.1	5.2	4.0
050-070	.9	.9	.3	.0	.1							2.2	6.2	5.0
(E) 080-100	1.6	1.2	.2	.0								3.0	5.0	4.0
110-130	2.1	2.7	.8	.1								5.8	6.2	6.0
140-160	3.4	3.1	1.4	.3	.0							8.2	6.3	6.0
(S) 170-190	3.1	4.7	3.0	.7	.1	.0						11.5	7.7	7.0
200-220	3.3	5.3	4.4	1.4	.5	.1	.0	.0				15.1	9.0	8.0
230-250	2.6	6.3	5.7	1.7	.5	.1	.0	.0	.0			17.0	9.5	9.0
(W) 260-280	1.6	3.4	2.4	.7	.2	.0						8.4	8.9	8.0
290-310	1.0	1.8	1.5	.3	.1							4.8	8.4	8.0
320-340	1.5	1.9	1.1	.3	.0							4.8	7.5	7.0
VARIABLE		.1	.1	.0								.2	11.4	10.0
CALM	////////////////////////////////////											13.5	////////	
TOTALS	23.8	33.3	21.7	5.6	1.5	.2						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.7	.3	.3								5.3	5.0	4.0
020-040	2.5	.7										3.2	3.2	3.0
050-070	1.1	.6			.2							1.9	4.9	3.5
(E) 080-100	2.5	1.7	.2									4.3	4.8	4.0
110-130	3.9	4.2	.8	.1								9.0	5.5	5.0
140-160	5.7	3.6	1.7	.3								11.4	5.8	4.5
(S) 170-190	3.2	4.1	1.0		.3	.1						8.7	6.7	6.0
200-220	3.1	2.9	1.7	.4	.2			.1				8.4	7.2	6.0
230-250	2.5	1.6	1.3	.2								5.5	6.2	6.0
(W) 260-280	2.8	2.1	.3									5.2	5.1	4.0
290-310	1.5	1.9	.7	.3								4.4	6.7	6.0
320-340	2.5	2.6	1.8	.7								7.5	7.5	6.0
VARIABLE														
CALM	////////////////////											25.2	////////	
TOTALS	34.2	27.7	9.8	2.3	.7	.1		.1				100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 1179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.7	.2	.1								1.7	6.7	6.0
020-040	.9	1.7										2.6	5.3	6.0
050-070	1.2	1.3	.3									3.3	6.1	5.5
(E) 080-100	.6	.7	.3	.2	.1							1.9	8.5	8.0
110-130	2.2	1.1	.7	.2								4.2	5.9	4.0
140-160	1.9	2.4	1.3	.3								6.0	7.0	6.0
(S) 170-190	2.4	4.2	2.3	.7								9.7	7.8	8.0
200-220	3.0	6.8	6.2	2.1	.7							18.8	9.4	9.0
230-250	3.4	6.9	7.1	2.7	.7	.3						21.1	9.8	10.0
(W) 260-280	1.4	3.4	2.6	.3								7.8	8.2	8.0
290-310	1.9	2.1	.8	.1								4.9	6.6	7.0
320-340	1.4	3.0	.7	.2	.1							5.4	7.3	7.0
VARIABLE														
CALM	////////////////////											12.7	////	////
TOTALS	21.0	34.8	22.5	6.9	1.6	.3						100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.6	.2			.1						3.9	5.5	4.0
020-040	1.3	1.0	.1									2.4	4.8	4.0
050-070	1.1	1.3	.3		.1							2.9	6.4	6.0
(E) 080-100	.7	1.3	.1	.1	.2							2.4	7.8	6.0
110-130	2.1	1.1	.3	.3								3.9	5.7	4.0
140-160	1.6	2.9	1.4	.1								6.0	7.3	7.0
(S) 170-190	2.7	2.9	2.1		.3							8.0	7.2	7.0
200-220	3.3	6.8	5.7	3.8	.2							19.8	9.8	9.0
230-250	2.9	7.4	6.7	2.1	1.0	.1						20.2	9.7	9.0
(W) 260-280	1.7	2.8	3.4	.7	.2	.1						8.9	9.3	9.5
290-310	.8	1.8	.8	.1	.2							3.7	7.8	6.0
320-340	1.7	2.4	1.3	.3								5.8	7.5	7.0
VARIABLE		.1										.1	7.0	7.0
CALM	////////////////////////////////////											12.0	////////////////////////////////	
TOTALS	21.9	33.4	22.4	7.5	2.2	.3						100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.1	.1									3.4	4.4	4.0
020-040	1.3	1.6	.1									3.0	4.8	5.0
050-070	1.3	1.3	.2	.2								3.1	6.1	5.0
(E) 080-100	.7	.8		.1	.1	.2						1.9	9.5	7.0
110-130	2.7	.9	.9	.1								4.6	5.6	4.0
140-160	1.7	1.8	2.1	.2								5.8	7.5	7.0
(S) 170-190	2.8	3.9	1.8	.2	.2							8.9	7.1	7.0
200-220	2.4	4.6	7.3	4.2	.6							19.1	10.8	10.0
230-250	3.1	6.8	6.3	2.1	.1							18.4	9.2	9.0
(W) 260-280	2.3	3.0	3.4	.7	.1							9.6	8.5	9.0
290-310	1.7	1.1	1.1	.2	.1							4.2	7.6	6.0
320-340	1.8	2.8	1.6	.8								6.9	7.9	6.0
VARIABLE		.1	.2	.1								.4	11.3	10.5
CALM	////////////////////////////////////											10.7	////////	
TOTALS	24.0	29.8	25.1	8.9	1.2	.2						100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.9	.4		.1							3.0	5.8	4.0
020-040	1.0	2.0	.2									3.2	5.3	5.0
050-070	.9	.9	.4	.1	.4							2.8	8.8	8.0
(E) 080-100	.6	1.4	.6									2.6	7.1	8.0
110-130	1.1	2.2	1.1	.1								4.6	7.3	7.0
140-160	1.9	2.4	1.4	.7								6.4	8.1	8.0
(S) 170-190	1.7	3.2	2.4	.3	.2							7.9	8.0	8.0
200-220	1.3	4.4	6.9	2.8	.9							16.3	11.1	11.0
230-250	3.4	4.7	7.8	3.6	1.4	.2						21.1	10.9	11.0
(W) 260-280	1.6	3.0	3.4	1.8	.3							10.1	9.9	10.0
290-310	.9	2.0	2.1	1.1								6.1	9.5	10.0
320-340	1.2	4.6	2.6	1.0	.1							9.4	8.7	8.0
VARIABLE		.2	.3	.1								.7	11.8	12.0
CALM	////////////////////////////////////											5.8	////////////////////////////////	
TOTALS	17.2	31.9	29.6	11.6	3.4	.2						100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.0	.6									5.3	5.7	5.5
020-040	1.2	1.7	.7	.1								3.7	6.5	6.0
050-070	.9	1.1	.6	.3	.3							3.2	9.1	7.0
(E) 080-100	1.0	.9	.8	.4								3.1	8.3	7.5
110-130	.6	1.7	1.1	.4								3.8	8.7	8.0
140-160	.2	2.6	2.2	.4								5.4	9.6	9.0
(S) 170-190	1.1	2.9	2.2	.8		.1						7.1	9.2	9.0
200-220	1.8	3.7	5.1	2.9	1.1							14.6	11.2	11.0
230-250	.9	5.1	8.6	4.3	1.8	.4						21.1	12.6	12.0
(W) 260-280	2.1	2.7	4.9	1.3	.3	.2						11.6	10.1	10.0
290-310	.8	2.0	2.7	1.8	.1							7.3	11.2	12.0
320-340	.0	3.4	3.0	.7	.1							9.2	8.7	8.0
VARIABLE		.4	.2									.7	9.3	8.5
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	14.4	31.2	32.7	13.4	3.7	.7						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.1	.7	.1								4.9	6.1	6.0
020-040	1.4	1.3	.7									3.4	6.2	7.0
050-070	1.0	1.6	.3	.3	.1							3.3	7.7	7.0
(E) 080-100	1.0	1.8	.2	.3								3.3	6.9	5.5
110-130	2.0	1.9	.6	.2								4.7	6.1	5.5
140-160	1.3	2.8	2.7	.6								7.3	8.5	8.0
(S) 170-190	2.0	2.8	2.0	.3								7.1	7.6	7.5
200-220	2.0	5.9	4.8	2.0	.6	.2						15.4	10.1	9.0
230-250	2.3	4.9	7.3	3.3	.9							18.8	10.8	11.0
(W) 260-280	1.9	4.0	3.0	.6	.1							9.6	8.2	8.0
290-310	2.0	3.2	2.3	.8								8.3	8.3	8.0
320-340	2.8	2.4	1.0	.7								6.9	6.9	6.0
VARIABLE			.3	.1								.4	13.5	13.0
CALM	////////////////////////////////////											6.4	////////	
TOTALS	21.7	34.7	25.9	9.3	1.7	.2						100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.4	.8									3.8	5.9	5.0
020-040	.7	2.4	.2									3.3	6.0	6.0
050-070	1.3	1.3	.2	.3								3.2	6.4	6.0
(E) 080-100	1.0	1.3		.2	.1							2.7	6.4	5.0
110-130	1.4	2.3	.6	.4								4.8	6.8	6.0
140-160	3.7	3.1	2.1	.3								9.2	6.8	6.0
(S) 170-190	2.1	3.0	3.1	.8								9.0	8.2	8.0
200-220	1.8	5.4	6.4	2.0	.1							15.8	9.8	10.0
230-250	1.9	5.4	5.9	1.9	.7							15.8	10.1	10.0
(W) 260-280	2.1	4.6	2.3	.9								9.9	8.3	8.0
290-310	2.6	2.4	1.9	.3	.2							7.4	7.4	7.0
320-340	1.9	1.8	.9	.4								5.0	7.3	6.0
VARIABLE		.1	.3									.4	10.0	10.0
CALM	////////////////////////////////////											9.7	////////	
TOTALS	22.1	34.5	24.7	7.5	1.1							100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.0	1.6	.4									3.0	6.1	5.0
020-040	.9	2.0	.1									3.0	5.9	6.0
050-070	1.3	.8	.2	.4								2.8	7.1	6.0
(E) 080-100	1.3	.3	.2	.1								2.0	4.8	4.0
110-130	1.8	1.8	.9	.4								4.9	7.1	6.0
140-160	2.9	2.7	1.4	.2								7.2	6.5	6.0
(S) 170-190	2.8	3.4	2.9	.3	.1							9.6	7.8	8.0
200-220	2.7	4.8	5.6	2.6	.3							15.9	9.9	10.0
230-250	2.9	6.7	5.2	2.9	.8							18.4	10.0	9.0
(W) 260-280	2.3	3.0	3.2	.6								9.1	8.3	9.0
290-310	1.2	2.0	1.4	.2								4.9	7.8	7.5
320-340	1.8	2.4	1.1	.4								5.8	7.2	7.0
VARIABLE		.1	.3	.2	.1							.8	13.6	12.0
CALM	////////////////////////////////////											12.7	////////////////////////////////	
TOTALS	22.9	31.6	22.9	8.3	1.3							100.0	7.3	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.5	.4	.0	.0	.0						3.6	5.7	5.0
020-040	1.1	1.7	.3	.0								3.1	5.7	5.0
050-070	1.1	1.3	.3	.2	.1							3.1	7.2	6.0
(E) 080-100	.8	1.1	.3	.2	.1	.0						2.5	7.4	6.0
110-130	1.7	1.6	.8	.3								4.4	6.6	6.0
140-160	1.9	2.6	1.8	.4								6.7	7.6	7.0
(S) 170-190	2.2	3.3	2.4	.4	.1	.0						8.4	7.8	8.0
200-220	2.3	5.3	6.0	2.8	.6	.0						17.0	10.2	10.0
230-250	2.6	6.0	6.9	2.9	.9	.1						19.4	10.4	10.0
(W) 260-280	1.9	3.3	3.3	.8	.1	.0						9.6	8.9	9.0
290-310	1.5	2.1	1.6	.6	.1							5.9	8.5	8.0
320-340	1.8	2.9	1.5	.6	.0							6.8	7.8	7.0
VARIABLE		.1	.2	.1	.0							.4	11.5	11.0
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	20.5	32.8	25.8	9.3	2.0	.1						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.9	.4	.1	.1							5.5	5.3	4.0
020-040	2.4	2.0	.4									4.8	5.2	4.5
050-070	1.9	1.9	.2									4.0	5.1	5.0
(E) 080-100	1.8	2.2	.3									4.3	5.6	6.0
110-130	3.4	3.8	.7	.1								7.9	5.4	5.0
140-160	3.9	4.8	2.2	.9								11.8	7.2	7.0
(S) 170-190	3.4	3.1	1.9									8.4	6.4	6.0
200-220	2.7	4.4	3.1	1.0	.2							11.5	8.3	8.0
230-250	2.6	3.1	2.3	.4	.3							8.7	7.8	7.0
(W) 260-280	2.8	1.5	1.2	.1		.1						5.8	6.0	5.0
290-310	1.8	1.0	.5	.6	.1							4.0	7.3	6.0
320-340	2.4	2.3	1.4	.4								6.5	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											16.8	////////	
TOTALS	32.1	32.0	14.6	3.6	.7	.1						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 1372

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.0	.5	.4								2.6	8.5	8.0
020-040	.6	1.2	.3									2.2	6.2	6.0
050-070	.9	1.3	.4		.1							2.7	6.8	6.0
(E) 080-100	1.5	.8	.3		.2							2.8	6.4	4.0
110-130	1.1	2.3	1.6	.1		.1						5.2	8.1	8.0
140-160	2.2	4.3	1.8	.3	.2							8.8	7.5	6.5
(S) 170-190	2.8	2.6	2.5	.9								8.7	7.8	8.0
200-220	2.5	6.3	5.6	4.1	.3							18.8	10.1	10.0
230-250	3.1	5.5	6.7	4.2	.9	.1						20.4	10.5	10.0
(W) 260-280	1.9	2.9	1.8	1.5	.6	.1						8.9	9.8	9.0
290-310	.8	2.6	.9	.2	.2							4.6	8.6	8.0
320-340	.6	2.6	1.6									4.8	7.7	8.0
VARIABLE		.1	.2									.3	10.3	11.0
CALM	////////////////////////////////////											9.1	////////	
TOTALS	18.6	33.5	24.2	11.7	2.5	.3						100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.0	.9	.1								2.4	8.2	8.0
020-040	1.1	1.2	.1	.2								2.6	6.1	5.0
050-070	1.3	1.1	.3		.1							2.8	6.6	7.5
(E) 080-100	1.2	.9	.1	.1	.1							2.4	5.9	4.5
110-130	1.5	3.3	1.2	.3								6.3	7.3	6.0
140-160	1.7	2.7	1.8	.6								6.9	8.2	8.0
(S) 170-190	3.0	3.1	2.8	1.0	.1							10.0	8.3	8.0
200-220	3.0	5.4	5.7	3.2	.5							17.8	10.0	10.0
230-250	3.4	5.9	6.9	3.2	.4	.3						20.2	10.0	10.0
(W) 260-280	1.8	2.2	3.2	1.8	.4							9.5	10.4	10.0
290-310	1.1	1.4	.6	.3								3.4	7.3	7.0
320-340	1.5	2.5	1.2	.1								5.3	7.0	7.0
VARIABLE			.2	.1								.3	13.7	14.0
CALM	////////////////////////////////////											10.1	////////	
TOTALS	21.0	30.7	25.0	11.0	1.6	.3						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.0	.4	.1								2.5	6.6	6.0
020-040	1.3	1.0	.2	.1	.1							2.7	6.2	5.0
050-070	1.1	1.6	.1		.1							2.9	6.2	6.0
(E) 080-100	.6	1.2		.1								1.9	5.8	6.0
110-130	1.8	2.8	1.3	.4	.1							6.5	7.6	7.5
140-160	3.2	2.9	1.4	.9	.2							8.6	7.7	6.0
(S) 170-190	2.9	3.0	3.2	1.2	.2							10.5	8.8	9.0
200-220	2.6	5.1	5.2	3.1	.1							16.0	9.8	10.0
230-250	3.3	6.5	8.7	2.0	.9	.1						21.5	10.0	10.0
(W) 260-280	1.2	2.0	3.4	1.5	1.0	.2						9.4	11.6	12.0
290-310	1.2	1.3	.1	.3	.1							3.0	7.1	6.5
320-340	.4	2.7	1.3	.1								4.5	7.9	8.0
VARIABLE			.1	.1								.2	14.0	14.0
CALM	////////////////////////////////////											9.8	////////	
TOTALS	20.6	31.1	25.4	9.9	2.8	.3						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.3	.5	.1	.1							2.7	7.8	7.0
020-040	.5	1.2	.1									1.8	6.2	6.0
050-070	1.1	1.4	.6		.3							3.4	7.9	6.0
(E) 080-100	.5	1.1	.2									1.8	6.5	6.0
110-130	1.6	1.6	2.4	.4								6.0	8.4	8.5
140-160	2.4	2.6	1.8	1.4	.1							8.3	8.5	8.0
(S) 170-190	1.9	3.9	2.5	1.2	.5	.1						10.1	9.2	8.0
200-220	1.7	3.9	6.7	2.5	.3							15.1	10.6	11.0
230-250	3.5	5.8	10.1	2.8	1.8							24.1	10.8	11.0
(W) 260-280	1.6	2.7	3.7	1.2	.3	.1						9.6	10.2	10.0
290-310	.5	1.8	1.4	.1	.1							4.0	8.6	8.0
320-340	1.0	2.4	1.7	.3	.1							5.5	8.5	9.0
VARIABLE		.2	.6	.1		.1						1.1	13.1	12.0
CALM	////////////////////////////////////											6.6	////////////////////////////////	
TOTALS	16.9	29.9	32.3	10.1	3.6	.3						100.0	9.0	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	1.9	1.3									3.7	8.2	8.5
020-040	.4	1.5	.2		.2							2.4	8.0	8.0
050-070	.2	1.4	.6		.1							2.4	8.8	8.0
(E) 080-100	1.1	2.0	.5									3.7	6.6	7.0
110-130	1.0	1.1	2.9	.3								5.3	9.8	10.0
140-160	1.2	3.1	2.5	1.1								7.8	9.3	8.0
(S) 170-190	1.3	2.4	1.8	1.3	.4	.1						7.3	10.4	9.5
200-220	1.6	2.6	5.9	4.1	.5							14.7	11.5	12.0
230-250	2.3	4.6	7.5	4.3	1.4	.5	.1					20.8	12.0	12.0
(W) 260-280	1.7	2.6	7.0	1.7	.4	.2						13.7	11.0	11.0
290-310	.8	2.2	2.5	.9	.2							6.5	9.9	10.0
320-340	1.1	2.5	2.5	.5								6.	9.0	9.0
VARIABLE		.3	.3	.2								.9	11.3	10.0
CALM	////////////////////////////////////											4.5	////////	
TOTALS	13.1	28.2	35.5	14.4	3.2	.8	.1					100.0	9.9	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.1	1.2	.2								3.5	7.4	7.0
020-040	.5	1.1	.1	.2	.1							2.0	7.6	6.0
050-070	.8	1.5	.1	.1								2.5	6.3	6.0
(E) 080-100	1.2	1.4	.9	.3								3.8	7.3	6.0
110-130	1.0	1.4	1.7	.3								4.4	8.6	9.0
140-160	1.7	2.7	2.9	1.1								8.4	9.3	9.0
(S) 170-190	2.2	3.3	2.9	.8	.1							9.2	8.2	7.0
200-220	2.4	5.6	6.1	2.4	.5	.1						17.1	10.0	10.0
230-250	2.8	5.3	7.2	3.3	.3	.4	.1					19.5	10.6	10.0
(W) 260-280	1.9	4.1	2.7	1.4	.2							10.3	9.3	8.5
290-310	1.5	2.0	1.0	.3	.3							5.2	8.1	8.0
320-340	1.6	3.7	2.0									7.3	7.7	8.0
VARIABLE		.2	.8	.1								1.1	12.2	12.5
CALM	////////////////////											5.7	////////	
TOTALS	18.7	33.4	29.6	10.5	1.5	.5	.1					100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.4	.3	.1								2.9	6.2	6.0
020-040	.9	.9	.3	.3	.1							2.5	7.7	6.0
050-070	.8	1.1	.5									2.4	6.4	6.0
(E) 080-100	.8	1.3	1.4	.1								3.5	8.2	8.0
110-130	1.2	1.4	1.1	.2		.1						4.0	7.9	8.0
140-160	2.3	2.9	2.5	.9	.2							8.7	8.7	8.0
(S) 170-190	1.9	6.3	2.7	1.2	.2							12.4	8.6	8.0
200-220	2.2	5.4	5.7	2.7	.2							16.1	9.8	10.0
230-250	2.8	8.7	5.9	2.8	1.0	.6						21.8	10.3	9.0
(W) 260-280	1.2	3.3	2.8	.8	.2	.1						8.4	9.5	9.0
290-310	.5	1.6	.3	.1	.1							2.7	7.9	8.0
320-340	1.9	3.2	1.7									6.9	7.0	7.0
VARIABLE		.1	.2	.3								.6	13.0	13.5
CALM	////////////////////////////////////											7.1	////////	
TOTALS	17.6	37.6	25.4	9.5	2.0	.8						100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 21-23

		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010		1.1	.9	.1	.1	.1							2.3	5.9	5.0	
020-040		.8	1.0	.4	.2								2.4	7.3	6.0	
050-070		1.1	1.5	.4									3.0	6.0	6.5	
(E) 080-100		.8	1.0	.5		.2							2.5	8.0	7.0	
110-130		1.2	2.2	1.3	.2		.2	.1					5.2	8.8	7.5	
140-160		1.9	2.4	2.2	.5								7.0	7.9	7.0	
(S) 170-190		2.6	6.0	2.6	1.1	.1							12.4	7.9	7.0	
200-220		2.3	5.4	5.4	3.9	.2	.1						17.2	10.5	10.0	
230-250		3.1	6.1	6.9	3.8	1.0	.3						21.2	10.5	10.0	
(W) 260-280		1.6	2.4	1.8	.9	.5	.2						7.4	10.2	9.0	
290-310		1.0	2.8	1.6	.2	.1							5.7	8.5	8.0	
320-340		1.0	2.3	.5									4.7	7.7	8.0	
VARIABLE		.1		.2	.5	.2							1.1	14.9	15.0	
CALM		////////////////////////////////////												8.1	////////	
TOTALS		18.6	34.0	24.9	11.4	2.4	.8	.1					100.0	8.4	8.0	
TOTAL NUMBER OF OBSERVATIONS 930																

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.2	.7	.1	.0							2.8	7.4	7.0
020-040	.8	1.1	.2	.1	.1							2.3	6.9	6.0
050-070	.9	1.4	.4	.0	.1							2.8	6.9	7.0
(E) 080-100	1.0	1.2	.5	.1	.1							2.8	6.9	7.0
110-130	1.3	2.0	1.7	.3	.0	.1	.0					5.3	8.3	8.0
140-160	2.1	2.9	2.1	.3	.1							8.1	8.4	8.0
(S) 170-190	2.3	3.8	2.6	1.1	.2	.0						10.1	8.6	8.0
200-220	2.3	4.9	5.8	3.2	.3	.0						16.6	10.3	10.0
230-250	3.1	6.0	7.5	3.3	1.0	.3	.0					21.2	10.6	10.0
(W) 260-280	1.6	2.8	3.3	1.3	.5	.1						9.6	10.3	10.0
290-310	.9	2.0	1.0	.3	.1							4.4	8.4	8.0
320-340	1.1	2.7	1.7	.1	.0							5.7	7.8	8.0
VARIABLE	.0	.1	.3	.2	.0	.0						.7	12.9	12.0
CALM	////////////////////////////////////											7.6	////////	
TOTALS	18.2	32.1	27.8	10.9	2.5	.5						100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.9	.9	.2								2.9	7.7	6.0
020-040	.6	.6	.4	.1	.1							1.7	7.6	7.5
050-070	.8	3.1	.6	.1	.1							4.6	7.2	7.0
(E) 080-100	1.2	2.1	1.1									4.4	6.7	7.0
110-130	2.3	4.9	5.0	.6	.1	.3	.1					13.2	9.1	.0
140-160	3.2	6.5	2.1	.8	.1							12.6	7.6	7.0
(S) 170-190	2.6	3.5	2.1	.5	.4							9.0	8.0	7.0
200-220	2.3	2.3	3.1	1.1	.3							9.2	9.0	9.0
230-250	4.8	3.9	3.0	.9								12.6	7.0	6.0
(W) 260-280	2.3	1.3	.4		.1	.1						4.1	5.7	4.0
290-310	1.6	1.4	.2	.3	.1							3.6	6.4	6.0
320-340	1.7	2.6	1.8	.1								6.2	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											15.9	////////	
TOTALS	24.3	33.1	20.7	4.7	1.3	.4	.1					100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 1408

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN %	WIND WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.8	2.5	1.2	.2	.0	.0						5.7	6.9
020-040	1.5	2.3	1.0	.2	.0							5.0	6.9
050-070	1.1	1.7	.9	.2	.0							4.0	7.6
(E) 080-100	1.4	1.9	1.0	.2	.0	.0						4.6	7.1
110-130	1.9	2.3	1.2	.3	.0	.0	.0					5.6	6.9
140-160	2.4	2.7	1.3	.3	.0	.0	.0					6.7	6.8
(S) 170-190	2.3	3.1	1.8	.5	.1	.0	.0					7.8	7.5
200-220	2.7	4.4	3.7	1.4	.4	.1	.0	.0				12.6	9.1
230-250	2.8	5.6	4.9	1.7	.6	.1	.0	.0	.0			15.7	9.5
(W) 260-280	2.0	3.6	2.7	.9	.3	.1	.0	.0	.0			9.6	9.0
290-310	1.4	2.3	1.7	.5	.1	.0	.0	.0				6.1	8.4
320-340	2.0	2.7	1.4	.3	.0	.0						6.4	7.2
VARIABLE	.0	.5	.4	.1	.0	.0						1.0	10.1
CALM	////////////////////										9.2	////////////////	
TOTALS	23.3	35.6	23.2	6.8	1.5	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 87672

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.9	1.7	.3	.0							8.4	6.9	6.0
020-040	2.0	3.3	1.4	.3	.1							7.1	7.2	7.0
050-070	1.5	2.7	.9	.2	.0							5.3	7.0	6.0
(E) 080-100	2.0	2.8	1.4	.1	.0							6.4	6.8	6.0
110-130	3.1	4.0	1.8	.3	.0	.0	.0					9.3	6.8	6.0
140-160	3.5	3.8	1.6	.4	.0		.0					9.3	6.6	6.0
(S) 170-190	2.9	2.7	1.3	.2	.1	.0						7.2	6.5	6.0
200-220	2.4	2.8	2.0	.7	.2			.0				8.1	8.0	7.0
230-250	3.0	3.2	1.6	.4	.1	.0			.0			8.4	7.0	6.0
(W) 260-280	2.3	2.1	.6	.1	.0	.0	.0	.0	.0			5.1	6.0	5.0
290-310	1.6	1.5	.7	.2	.0	.0						4.0	6.6	6.0
320-340	2.2	2.8	1.5	.2	.0							6.8	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											14.7	////////	
TOTALS	28.9	35.6	16.5	3.4	.5							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS: 14255

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.3	27.1	28.9	30.4	32.2	33.0	34.0	35.7	36.1	36.6	36.8	36.8	36.8	36.8	37.1	37.3
GE 20000	29.0	29.8	32.4	34.0	36.7	37.6	38.6	40.3	40.8	41.2	41.4	41.4	41.4	41.4	41.7	41.9
GE 18000	29.0	29.8	32.4	34.0	36.7	37.6	38.6	40.3	40.8	41.2	41.4	41.4	41.4	41.4	41.7	41.9
GE 16000	29.0	29.8	32.4	34.0	36.7	37.6	38.6	40.3	40.8	41.2	41.4	41.4	41.4	41.4	41.7	41.9
GE 14000	29.0	29.8	32.4	34.0	36.7	37.6	38.6	40.3	40.8	41.2	41.4	41.4	41.4	41.4	41.7	41.9
GE 12000	29.2	30.0	32.7	34.3	37.0	38.0	38.9	40.6	41.1	41.5	41.7	41.7	41.7	41.7	42.0	42.3
GE 10000	30.2	31.0	33.7	35.3	38.0	38.9	39.9	41.6	42.0	42.5	42.7	42.7	42.7	42.7	43.0	43.2
GE 9000	30.5	31.3	34.2	35.9	38.6	39.6	40.5	42.3	42.7	43.1	43.3	43.3	43.3	43.3	43.7	43.9
GE 8000	32.5	33.2	36.5	38.3	41.2	42.2	43.1	44.8	45.3	45.7	45.9	45.9	45.9	45.9	46.2	46.5
GE 7000	33.1	33.9	37.1	38.9	41.8	42.8	43.8	45.5	45.9	46.3	46.6	46.6	46.6	46.6	46.9	47.1
GE 6000	33.1	33.9	37.1	38.9	41.8	42.8	43.8	45.5	45.9	46.3	46.6	46.6	46.6	46.6	46.9	47.1
GE 5000	34.6	35.4	38.6	40.9	44.1	45.1	46.6	48.3	48.8	49.2	49.5	49.5	49.5	49.5	49.8	50.0
GE 4500	38.5	39.2	42.9	45.2	48.7	49.7	51.3	53.0	53.5	54.0	54.2	54.2	54.2	54.2	54.5	54.7
GE 4000	41.7	42.5	46.3	49.0	53.5	54.5	56.1	57.8	58.4	59.1	59.4	59.4	59.4	59.4	59.7	59.9
GE 3500	44.4	45.2	49.7	52.7	57.7	58.7	60.6	62.7	63.2	64.0	64.2	64.2	64.2	64.2	64.5	64.7
GE 3000	47.4	48.3	53.8	57.0	62.7	63.9	65.8	68.4	69.0	69.8	70.0	70.0	70.0	70.0	70.3	70.5
GE 2500	49.4	50.2	56.2	59.6	66.2	67.4	69.4	72.0	72.7	73.4	73.7	73.7	73.7	73.7	74.0	74.2
GE 2000	51.7	52.6	58.8	62.5	70.5	71.7	73.8	76.8	77.5	78.4	78.6	78.6	78.6	78.6	78.9	79.1
GE 1800	51.9	52.8	59.1	62.8	70.9	72.2	74.2	77.2	78.0	78.8	79.0	79.0	79.0	79.0	79.4	79.6
GE 1500	53.3	54.2	61.4	65.3	74.4	75.9	78.5	81.6	82.6	83.4	83.7	83.7	83.7	83.7	84.0	84.2
GE 1200	54.0	54.8	62.6	66.7	76.1	77.8	80.6	83.8	84.7	85.6	85.8	85.8	85.8	85.8	86.1	86.3
GE 1000	54.3	55.2	63.1	67.2	77.0	78.7	81.9	85.1	86.0	86.9	87.3	87.3	87.3	87.3	87.6	87.8
GE 900	54.7	55.6	63.8	68.0	77.7	79.5	82.7	85.8	86.8	87.6	88.1	88.1	88.1	88.1	88.4	88.6
GE 800	54.8	55.7	64.1	68.6	78.9	80.6	84.1	87.2	88.5	89.4	89.8	89.8	89.8	89.8	90.1	90.3
GE 700	54.9	55.8	64.4	68.9	79.4	81.4	85.1	88.2	89.5	90.3	90.8	90.9	90.9	90.9	91.2	91.4
GE 600	54.9	55.8	64.4	68.9	79.4	81.5	85.5	88.8	90.1	91.0	91.5	91.6	91.6	91.6	91.9	92.2
GE 500	54.9	55.3	64.4	69.0	80.0	82.3	86.3	90.2	91.5	92.4	92.9	93.2	93.2	93.2	93.5	93.9
GE 400	54.9	55.8	64.4	69.0	80.1	82.4	86.5	90.5	91.8	92.7	93.3	93.7	93.7	93.7	94.0	94.3
GE 300	54.9	55.8	64.4	69.0	80.1	82.4	86.7	90.9	92.2	93.2	93.9	94.2	94.2	94.4	94.8	95.4
GE 200	54.9	55.8	64.4	69.0	80.1	82.4	86.8	91.0	92.3	93.4	94.1	94.4	94.4	95.1	95.7	96.2
GE 100	54.9	55.8	64.4	69.0	80.1	82.4	86.8	91.0	92.3	93.5	94.2	94.5	94.5	95.2	95.9	96.9
GE 000	54.9	55.8	64.4	69.0	80.1	82.4	86.8	91.0	92.3	93.5	94.2	94.5	95.2	95.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 03-05

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.5	26.7	29.4	31.0	33.5	33.7	34.4	35.3	35.8	36.1	36.3	36.3	36.7	36.9	37.2	37.5
GE 20000	27.6	27.8	31.0	32.8	35.4	35.5	36.2	37.1	37.6	38.0	38.2	38.2	38.5	38.7	39.0	39.4
GE 18000	27.6	27.8	31.0	32.8	35.4	35.5	36.2	37.1	37.6	38.0	38.2	38.2	38.5	38.7	39.0	39.4
GE 16000	27.6	27.8	31.0	32.8	35.4	35.5	36.2	37.1	37.6	38.0	38.2	38.2	38.5	38.7	39.0	39.4
GE 14000	27.6	27.8	31.0	32.8	35.4	35.5	36.2	37.1	37.6	38.0	38.2	38.2	38.5	38.7	39.0	39.4
GE 12000	27.6	27.8	31.0	32.8	35.4	35.5	36.2	37.1	37.6	38.0	38.2	38.2	38.5	38.7	39.0	39.4
GE 10000	28.3	28.7	31.8	33.8	36.9	37.0	37.7	38.6	39.1	39.5	39.7	39.7	40.0	40.2	40.5	40.9
GE 9000	29.1	29.6	32.7	34.6	38.2	38.3	39.0	39.9	40.4	40.8	41.0	41.0	41.3	41.5	41.8	42.2
GE 8000	31.1	31.6	35.2	37.3	41.2	41.4	42.2	43.0	43.5	43.9	44.1	44.1	44.4	44.6	44.9	45.3
GE 7000	31.6	32.2	35.7	37.8	41.7	41.9	42.7	43.5	44.1	44.4	44.6	44.6	44.9	45.2	45.5	45.8
GE 6000	31.6	32.2	35.7	37.8	41.8	42.0	42.8	43.7	44.2	44.5	44.7	44.7	45.1	45.3	45.6	45.9
GE 5000	33.7	34.2	37.7	40.1	44.3	44.5	45.5	46.3	46.9	47.2	47.4	47.4	47.7	48.0	48.3	48.6
GE 4500	36.1	36.7	40.3	42.7	47.4	47.7	48.7	49.6	50.1	50.4	50.6	50.6	51.0	51.2	51.5	51.8
GE 4000	39.5	40.0	44.1	46.6	52.8	53.1	54.2	55.1	55.6	56.0	56.2	56.2	56.6	56.8	57.1	57.4
GE 3500	42.0	42.6	46.8	49.8	56.3	56.7	58.1	59.2	59.9	60.4	60.8	60.8	61.1	61.3	61.6	61.9
GE 3000	45.8	46.3	51.3	54.3	61.2	61.5	63.1	64.7	65.4	65.9	66.2	66.2	66.6	66.8	67.1	67.4
GE 2500	47.6	48.2	53.5	56.6	63.8	64.1	66.0	67.7	68.5	69.0	69.4	69.4	69.7	69.9	70.2	70.5
GE 2000	49.0	49.7	55.7	59.0	68.1	68.6	70.6	72.4	73.1	73.8	74.2	74.3	74.6	74.8	75.2	75.5
GE 1800	49.6	50.2	56.3	59.7	68.8	69.6	71.6	73.3	74.1	74.7	75.2	75.3	75.6	75.8	76.1	76.5
GE 1500	51.9	52.6	59.9	63.4	73.3	74.4	76.9	78.6	79.4	80.0	80.4	80.5	80.9	81.1	81.4	81.7
GE 1200	52.6	53.2	61.1	64.7	75.3	76.5	79.4	81.4	82.2	83.0	83.4	83.5	83.9	84.1	84.4	84.7
GE 1000	53.3	54.0	61.9	65.7	76.3	77.5	80.6	82.7	83.4	84.3	84.7	84.8	85.2	85.4	85.7	86.0
GE 900	53.4	54.1	62.3	66.0	76.8	78.1	81.2	83.2	84.0	84.8	85.4	85.5	85.8	86.0	86.3	86.7
GE 800	53.4	54.1	62.5	66.3	78.0	79.4	82.6	84.6	85.7	86.7	87.2	87.3	87.6	87.8	88.2	88.5
GE 700	5.5	54.2	62.6	66.8	78.5	80.0	83.3	85.4	86.5	87.4	88.0	88.1	88.4	88.6	88.9	89.2
GE 600	53.7	54.3	62.9	67.1	78.8	80.6	84.2	86.3	87.4	88.4	88.9	89.0	89.4	89.6	89.9	90.2
GE 500	53.7	54.3	63.0	67.3	79.2	81.5	85.5	88.1	89.1	90.1	90.6	90.8	91.2	91.4	91.7	92.4
GE 400	53.7	54.3	63.0	67.4	79.6	81.8	85.8	89.0	90.1	91.1	91.6	91.7	92.2	92.4	92.7	93.3
GE 300	53.7	54.3	63.0	67.4	79.6	81.9	86.0	89.2	90.4	91.7	92.3	92.5	93.1	93.5	94.1	94.9
GE 200	53.7	54.3	63.0	67.4	79.6	81.9	86.0	89.2	90.4	91.8	92.4	92.6	93.4	94.6	96.5	98.1
GE 100	53.7	54.3	63.0	67.4	79.6	81.9	86.0	89.2	90.5	91.9	92.5	92.7	93.5	95.3	97.7	100.0
GE 000	53.7	54.3	63.0	67.4	79.6	81.9	86.0	89.2	90.5	91.9	92.5	92.7	93.5	95.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 02
NO CEIL	23.9	24.4	26.5	27.7	30.0	30.5	31.1	31.9	31.9	32.0	32.2	32.2	32.5	32.6	32.7	33.2
GE 20000	26.6	27.1	29.4	30.8	33.1	33.9	34.4	35.3	35.3	35.4	35.5	35.5	35.8	35.9	36.0	36.8
GE 18000	26.6	27.1	29.4	30.8	33.1	33.9	34.4	35.3	35.3	35.4	35.5	35.5	35.8	35.9	36.0	36.8
GE 16000	26.6	27.1	29.4	30.8	33.1	33.9	34.4	35.3	35.3	35.4	35.5	35.5	35.8	35.9	36.0	36.8
GE 14000	26.6	27.1	29.4	30.8	33.1	33.9	34.4	35.3	35.3	35.4	35.5	35.5	35.8	35.9	36.0	36.8
GE 12000	26.6	27.1	29.4	30.8	33.1	33.9	34.4	35.3	35.3	35.4	35.5	35.5	35.8	35.9	36.0	36.8
GE 10000	26.9	27.4	29.7	31.3	33.8	34.5	35.1	35.9	35.9	36.0	36.1	36.1	36.5	36.6	36.7	37.4
GE 9000	27.5	28.1	30.3	31.9	34.4	35.2	35.7	36.6	36.6	36.7	36.8	36.8	37.1	37.2	37.3	38.1
GE 8000	29.1	29.7	32.2	33.8	36.5	37.2	37.7	38.6	38.6	38.7	38.8	38.8	39.1	39.2	39.4	40.1
GE 7000	29.8	30.3	32.9	34.5	37.2	38.0	38.5	39.4	39.4	39.5	39.6	39.6	39.9	40.0	40.1	40.9
GE 6000	29.8	30.4	33.0	34.7	37.5	38.3	38.8	39.7	39.7	39.8	39.9	39.9	40.2	40.3	40.4	41.2
GE 5000	30.8	31.4	34.4	36.5	39.6	40.3	41.0	41.8	41.8	41.9	42.0	42.0	42.4	42.5	42.6	43.5
GE 4500	33.0	33.8	36.9	38.9	42.6	43.4	44.2	45.2	45.5	45.8	45.9	45.9	46.2	46.3	46.5	47.2
GE 4000	36.5	37.3	41.0	43.1	47.3	48.2	49.1	50.2	50.6	51.0	51.1	51.1	51.4	51.5	51.6	52.5
GE 3500	38.8	39.7	43.8	46.7	51.7	52.7	53.9	54.9	55.5	56.0	56.1	56.1	56.5	56.6	56.7	57.5
GE 3000	41.9	42.8	47.6	50.9	56.3	57.5	59.2	60.8	61.3	61.9	62.0	62.0	62.4	62.5	62.6	63.4
GE 2500	45.9	46.9	51.7	54.9	61.4	62.7	64.2	65.7	66.3	67.0	67.1	67.1	67.4	67.5	67.6	68.5
GE 2000	49.3	50.0	55.4	59.1	66.6	67.8	70.0	71.6	72.3	73.0	73.1	73.1	73.4	73.5	73.7	74.5
GE 1800	49.6	50.5	55.9	59.7	67.4	68.7	70.9	72.5	73.1	73.9	74.0	74.0	74.3	74.4	74.5	75.4
GE 1500	51.6	52.8	58.8	63.1	71.4	72.7	75.2	77.1	77.7	78.6	78.7	78.7	79.0	79.1	79.2	80.1
GE 1200	52.5	53.7	60.6	65.3	74.5	75.9	78.5	80.6	81.3	82.2	82.3	82.3	82.8	83.0	83.1	84.0
GE 1000	52.5	53.7	60.9	65.5	74.8	76.2	79.1	81.5	82.2	83.0	83.1	83.1	83.7	83.9	84.0	84.8
GE 900	52.8	54.0	61.2	65.8	75.6	77.0	80.0	82.6	83.3	84.3	84.4	84.5	85.1	85.3	85.4	86.2
GE 800	52.8	54.0	61.7	66.7	76.7	78.1	81.2	84.0	84.7	85.7	85.8	85.9	86.5	86.7	86.8	87.6
GE 700	53.3	54.2	62.2	67.1	77.8	79.4	82.7	85.5	86.5	87.4	87.5	87.6	88.2	88.4	88.5	89.4
GE 600	53.3	54.3	62.4	67.3	78.4	80.0	83.7	86.8	87.8	88.8	88.9	89.0	89.6	89.8	89.9	90.8
GE 500	53.3	54.5	62.7	67.6	79.0	81.1	85.3	88.7	89.9	91.0	91.1	91.2	91.7	91.9	92.0	93.1
GE 400	53.4	54.6	62.8	67.8	79.2	81.4	85.6	89.4	90.6	91.7	91.8	91.9	92.5	92.7	92.8	93.9
GE 300	53.4	54.6	62.8	67.8	79.6	81.7	86.1	90.0	91.4	92.5	92.7	93.0	93.5	94.2	94.5	95.4
GE 200	53.4	54.6	62.8	67.8	79.6	81.7	86.1	90.0	91.5	92.6	92.9	93.5	94.3	95.1	96.0	97.7
GE 100	53.4	54.6	62.8	67.8	79.6	81.7	86.1	90.0	91.5	92.6	92.9	93.7	94.5	96.0	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAE: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 09 11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.3	21.8	24.7	25.9	28.6	28.8	28.9	29.8	29.8	30.2	30.2	30.2	30.2	30.2	30.2	30.4
GE 20000	25.2	25.7	29.4	30.6	33.7	34.1	34.3	35.2	35.2	35.6	35.6	35.6	35.6	35.7	35.7	36.0
GE 18000	25.4	25.9	29.6	30.9	33.9	34.3	34.5	35.4	35.4	35.8	35.8	35.8	35.8	35.9	35.9	36.2
GE 16000	25.4	25.9	29.6	30.9	33.9	34.3	34.5	35.4	35.4	35.8	35.8	35.8	35.8	35.9	35.9	36.2
GE 14000	25.4	25.9	29.6	30.9	33.9	34.3	34.5	35.4	35.4	35.8	35.8	35.8	35.8	35.9	35.9	36.2
GE 12000	25.6	26.1	29.8	31.1	34.2	34.6	34.8	35.7	35.7	36.1	36.1	36.1	36.1	36.2	36.2	36.6
GE 10000	26.0	26.6	30.2	31.8	34.9	35.4	35.6	36.5	36.5	36.9	36.9	36.9	36.9	37.0	37.0	37.3
GE 9000	26.7	27.2	31.0	32.6	35.7	36.1	36.3	37.2	37.2	37.6	37.6	37.6	37.6	37.7	37.7	38.1
GE 8000	29.8	30.3	34.7	36.5	40.1	40.5	40.8	41.6	41.6	42.2	42.2	42.2	42.2	42.3	42.3	42.6
GE 7000	30.6	31.2	35.9	37.6	41.3	41.7	42.0	42.9	42.9	43.4	43.4	43.4	43.4	43.5	43.5	43.9
GE 6000	30.6	31.2	36.2	38.0	41.6	42.0	42.4	43.2	43.2	43.8	43.8	43.8	43.8	43.9	43.9	44.2
GE 5000	31.9	32.7	38.1	39.9	43.9	44.3	45.1	45.9	45.9	46.6	46.6	46.6	46.6	46.7	46.7	47.0
GE 4500	34.9	35.9	41.8	43.8	47.7	48.3	49.4	50.5	50.9	51.9	51.9	51.9	51.9	52.0	52.0	52.4
GE 4000	37.4	38.4	45.1	47.2	52.2	52.9	54.1	55.6	56.1	57.3	57.4	57.4	57.4	57.5	57.5	57.8
GE 3500	40.2	41.3	48.6	51.0	56.1	57.0	58.4	60.0	60.5	62.2	62.3	62.3	62.3	62.5	62.5	62.8
GE 3000	43.9	45.1	52.8	55.2	61.1	61.9	63.3	64.9	65.7	67.4	67.6	67.6	67.7	68.1	68.1	68.4
GE 2500	46.8	48.0	55.9	58.4	64.9	65.8	67.4	69.4	70.3	72.0	72.3	72.3	72.4	72.7	72.7	73.0
GE 2000	49.5	50.6	59.9	62.9	69.8	70.9	72.8	75.5	76.6	78.7	79.0	79.0	79.1	79.5	79.5	79.8
GE 1800	49.6	50.8	60.0	63.0	69.9	71.2	73.1	75.8	76.9	79.0	79.4	79.4	79.5	79.8	79.8	80.1
GE 1500	50.6	51.8	61.6	64.7	72.2	73.4	75.7	79.2	80.3	82.6	82.9	82.9	83.0	83.3	83.3	83.7
GE 1200	51.3	52.5	62.9	66.0	73.4	74.9	77.3	81.0	82.3	84.5	84.8	84.8	85.1	85.5	85.5	85.8
GE 1000	51.3	52.5	63.1	66.3	74.0	75.7	78.1	82.3	83.8	86.1	86.5	86.5	86.7	87.1	87.1	87.4
GE 900	51.6	52.8	63.7	66.9	74.6	76.3	78.8	83.1	84.6	87.1	87.4	87.5	87.7	88.2	88.2	88.5
GE 800	51.6	52.8	63.7	67.0	75.3	77.0	79.7	84.0	85.5	88.0	88.3	88.4	88.6	89.0	89.0	89.4
GE 700	51.7	52.9	64.2	67.5	76.2	78.0	80.9	85.3	86.9	89.7	90.0	90.1	90.3	90.8	90.8	91.1
GE 600	51.7	52.9	64.3	67.7	76.5	78.2	81.8	86.5	88.2	91.2	91.6	91.7	91.9	92.4	92.4	92.7
GE 500	51.7	52.9	64.3	67.7	76.6	78.5	82.3	87.2	89.1	92.3	92.7	92.8	93.1	93.7	93.7	94.0
GE 400	51.7	52.9	64.3	67.7	76.9	78.8	82.7	88.0	89.9	93.3	94.2	94.3	94.6	95.2	95.2	95.5
GE 300	51.7	52.9	64.3	67.7	76.9	78.8	82.7	88.0	89.9	93.4	94.5	94.7	95.3	96.0	96.2	96.6
GE 200	51.7	52.9	64.3	67.7	76.9	78.8	82.7	88.0	89.9	93.4	94.5	95.2	95.8	97.1	97.6	98.7
GE 100	51.7	52.9	64.3	67.7	76.9	78.8	82.7	88.0	89.9	93.4	94.5	95.2	95.9	97.1	97.8	99.9
GE 000	51.7	52.9	64.3	67.7	76.9	78.8	82.7	88.0	89.9	93.5	94.6	95.3	96.0	97.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.2	21.4	22.9	24.4	25.2	25.6	26.3	26.6	26.6	26.7	26.7	26.7	26.9	26.9	26.9	26.9
GE 20000	26.6	26.8	28.7	30.3	31.5	31.9	32.7	32.9	32.9	33.0	33.0	33.0	33.2	33.2	33.2	33.2
GE 18000	26.8	27.0	28.9	30.5	31.7	32.2	32.9	33.1	33.1	33.2	33.2	33.2	33.4	33.4	33.4	33.4
GE 16000	26.8	27.0	28.9	30.5	31.7	32.2	32.9	33.1	33.1	33.2	33.2	33.2	33.4	33.4	33.4	33.4
GE 14000	26.9	27.1	29.0	30.6	31.8	32.3	33.0	33.2	33.2	33.3	33.3	33.3	33.5	33.5	33.5	33.5
GE 12000	27.3	27.5	29.5	31.1	32.5	32.9	33.7	33.9	33.9	34.0	34.0	34.0	34.2	34.2	34.2	34.2
GE 10000	28.7	28.9	31.4	33.0	34.5	34.9	35.7	35.9	35.9	36.0	36.0	36.0	36.2	36.2	36.2	36.2
GE 9000	29.2	29.6	32.0	33.8	35.4	35.9	37.0	37.2	37.2	37.3	37.3	37.3	37.5	37.5	37.5	37.5
GE 8000	32.3	32.6	35.7	37.4	39.4	40.1	41.2	41.4	41.4	41.5	41.5	41.5	41.7	41.7	41.7	41.7
GE 7000	33.3	33.7	36.9	38.9	40.9	41.6	42.7	42.9	42.9	43.0	43.0	43.0	43.2	43.2	43.2	43.2
GE 6000	33.3	33.7	37.1	39.1	41.1	41.8	42.9	43.1	43.1	43.2	43.2	43.2	43.4	43.4	43.4	43.4
GE 5000	34.9	35.3	38.8	40.9	43.0	43.9	45.1	45.3	45.3	45.5	45.5	45.5	45.7	45.7	45.7	45.7
GE 4500	37.5	37.8	42.0	44.3	46.6	47.5	49.0	49.2	49.2	49.6	49.7	49.7	49.9	49.9	49.9	49.9
GE 4000	42.3	42.6	48.3	51.0	53.5	54.6	56.2	56.5	56.6	56.9	57.0	57.0	57.2	57.2	57.2	57.2
GE 3500	45.5	45.8	51.8	54.6	57.5	58.6	60.3	60.8	60.9	61.2	61.3	61.3	61.5	61.5	61.5	61.5
GE 3000	51.5	51.8	58.3	61.4	64.6	65.7	67.7	68.5	68.7	69.0	69.1	69.2	69.5	69.5	69.5	69.5
GE 2500	53.7	54.0	61.1	64.2	68.1	69.5	71.6	72.5	72.7	73.1	73.2	73.3	73.5	73.5	73.5	73.5
GE 2000	56.8	57.2	65.1	68.5	72.6	74.5	77.3	78.8	79.0	79.5	80.0	80.2	80.4	80.4	80.4	80.4
GE 1800	57.0	57.4	65.4	68.8	72.9	74.8	77.6	79.1	79.4	79.8	80.4	80.6	80.9	80.9	80.9	80.9
GE 1500	58.0	58.6	67.7	71.2	75.9	78.0	81.1	82.8	83.0	83.4	84.1	84.3	84.6	84.6	84.6	84.6
GE 1200	58.8	59.5	69.6	73.0	78.5	80.6	83.9	85.8	86.0	86.6	87.4	87.6	88.0	88.0	88.0	88.0
GE 1000	58.8	59.5	69.7	73.4	78.9	81.3	84.5	86.8	87.0	87.7	88.8	89.0	89.5	89.5	89.5	89.5
GE 900	58.8	59.5	69.8	73.7	79.2	81.6	84.9	87.5	87.8	88.6	89.8	90.0	90.4	90.4	90.4	90.4
GE 800	58.8	59.5	70.0	73.9	79.7	82.2	85.7	88.5	89.0	89.8	91.0	91.5	91.9	91.9	91.9	91.9
GE 700	58.8	59.5	70.2	74.1	80.2	82.8	86.3	89.4	89.9	90.8	91.9	92.5	92.9	92.9	92.9	92.9
GE 600	58.8	59.5	70.2	74.1	80.4	83.1	87.0	90.6	91.5	92.4	93.5	94.1	94.5	94.5	94.5	94.5
GE 500	58.8	59.5	70.2	74.2	80.5	83.4	87.7	91.4	92.5	93.7	94.9	95.5	95.9	95.9	95.9	95.9
GE 400	58.9	59.6	70.3	74.3	80.8	83.7	88.0	91.6	92.7	94.2	95.5	96.0	96.5	96.5	96.5	96.5
GE 300	58.9	59.6	70.3	74.3	80.8	83.7	88.0	91.6	92.7	94.3	95.8	96.9	97.4	97.4	97.5	97.5
GE 200	58.9	59.6	70.3	74.3	80.8	83.7	88.0	91.6	92.7	94.3	95.8	97.0	97.8	98.2	98.6	98.9
GE 100	58.9	59.6	70.3	74.3	80.8	83.7	88.0	91.6	92.7	94.3	95.8	97.1	98.0	98.5	99.0	100.0
GE 000	58.9	59.6	70.3	74.3	80.8	83.7	88.0	91.6	92.7	94.3	95.8	97.1	98.0	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.2	20.3	23.2	24.2	25.3	25.3	25.8	25.9	25.9	26.1	26.1	26.5	26.6	26.6	26.6	26.6
GE 20000	24.9	25.1	28.4	29.7	31.0	31.1	31.9	32.0	32.0	32.4	32.6	32.9	33.0	33.0	33.1	33.1
GE 18000	25.1	25.2	28.5	29.9	31.3	31.5	32.4	32.5	32.5	32.8	33.0	33.3	33.4	33.4	33.5	33.5
GE 16000	25.1	25.2	28.5	29.9	31.3	31.5	32.4	32.5	32.5	32.8	33.0	33.3	33.4	33.4	33.5	33.5
GE 14000	25.2	25.3	28.7	30.2	31.6	31.8	32.7	32.8	32.8	33.1	33.3	33.7	33.8	33.8	33.9	33.9
GE 12000	25.5	25.6	29.0	30.5	32.0	32.3	33.1	33.2	33.2	33.5	33.8	34.1	34.2	34.2	34.3	34.3
GE 10000	27.1	27.2	31.2	32.8	34.5	34.7	35.6	35.8	35.8	36.1	36.3	36.7	36.8	36.8	36.9	36.9
GE 9000	27.6	27.7	31.7	33.3	35.3	35.5	36.5	36.7	36.7	37.0	37.2	37.5	37.6	37.6	37.7	37.7
GE 8000	30.0	30.1	34.6	36.2	38.5	39.0	40.2	40.4	40.4	40.8	41.0	41.3	41.4	41.4	41.5	41.5
GE 7000	30.6	30.8	35.3	37.1	39.5	40.0	41.3	41.5	41.5	41.8	42.0	42.4	42.5	42.5	42.6	42.6
GE 6000	30.8	30.9	35.4	37.2	39.6	40.1	41.4	41.6	41.6	41.9	42.2	42.5	42.6	42.6	42.7	42.7
GE 5000	32.8	32.9	38.0	39.8	42.8	43.3	44.6	44.9	44.9	45.6	45.8	46.1	46.2	46.2	46.3	46.3
GE 4500	34.6	34.7	40.2	42.3	45.3	45.8	47.2	47.6	47.7	48.4	48.6	48.9	49.0	49.0	49.1	49.1
GE 4000	38.2	38.4	44.7	47.0	50.9	51.6	53.1	53.8	53.9	54.7	54.9	55.4	55.5	55.5	55.6	55.6
GE 3500	40.8	41.0	47.6	50.0	54.3	55.2	56.8	57.6	57.7	58.6	58.8	59.2	59.4	59.4	59.5	59.5
GE 3000	46.8	47.1	54.3	56.9	61.8	62.8	64.6	66.1	66.2	67.1	67.5	68.0	68.1	68.1	68.2	68.2
GE 2500	49.5	49.8	58.3	61.0	66.6	67.6	69.7	71.4	71.5	72.4	72.8	73.2	73.3	73.3	73.4	73.4
GE 2000	52.7	53.1	63.1	66.3	72.5	74.1	76.5	78.7	78.8	79.7	80.1	80.5	80.6	80.6	80.8	80.8
GE 1800	52.9	53.3	63.3	66.6	72.8	74.4	76.8	79.0	79.1	80.0	80.4	80.9	81.0	81.0	81.1	81.1
GE 1500	54.3	54.7	65.3	68.9	76.1	77.7	80.3	82.6	83.1	84.0	84.4	84.8	84.9	85.1	85.2	85.2
GE 1200	55.6	56.1	67.2	71.3	78.9	80.8	83.7	86.0	86.7	87.5	88.0	88.4	88.5	88.6	88.7	88.7
GE 1000	55.8	56.6	67.6	71.9	79.8	81.8	85.1	87.6	88.4	89.6	90.2	90.6	90.9	91.0	91.1	91.1
GE 900	56.0	56.8	67.8	72.2	80.2	82.3	85.5	88.2	88.9	90.1	90.8	91.2	91.4	91.5	91.6	91.6
GE 800	56.1	56.9	68.0	72.4	81.0	83.0	86.2	88.9	89.7	90.9	91.5	91.9	92.2	92.3	92.4	92.4
GE 700	56.1	56.9	68.2	72.6	81.6	83.7	87.2	90.3	91.1	92.3	93.1	93.7	93.9	94.0	94.1	94.1
GE 600	56.1	56.9	68.2	72.6	81.7	83.9	87.8	91.1	92.0	93.4	94.4	94.9	95.4	95.5	95.6	95.6
GE 500	56.1	56.9	68.2	72.6	81.7	83.9	88.2	91.6	92.7	94.1	95.1	95.6	96.0	96.2	96.3	96.3
GE 400	56.1	56.9	68.2	72.6	81.7	83.9	88.2	91.7	93.0	94.4	95.5	96.0	96.5	96.7	96.8	96.8
GE 300	56.1	56.9	68.3	72.7	81.8	84.0	88.3	91.8	93.1	94.6	95.9	96.5	97.1	97.5	97.7	97.7
GE 200	56.1	56.9	68.3	72.7	81.8	84.0	88.3	91.8	93.1	94.6	95.9	96.6	97.2	97.7	98.2	98.6
GE 100	56.1	56.9	68.3	72.7	81.8	84.0	88.3	91.8	93.1	94.6	95.9	96.6	97.2	97.8	98.9	100.0
GE 000	56.1	56.9	68.3	72.7	81.8	84.0	88.3	91.8	93.1	94.6	95.9	96.6	97.2	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 18-20

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.4	20.5	23.9	25.2	27.7	28.3	30.1	30.8	31.1	31.1	31.1	31.1	31.2	31.3	31.4	32.2
GE 20000	23.8	24.0	28.0	29.2	32.3	32.9	34.9	35.6	35.9	35.9	35.9	35.9	36.0	36.1	36.2	37.0
GE 18000	23.8	24.0	28.0	29.2	32.3	33.0	35.1	35.7	36.0	36.0	36.0	36.0	36.1	36.2	36.3	37.1
GE 16000	23.8	24.0	28.0	29.2	32.3	33.0	35.1	35.7	36.0	36.0	36.0	36.0	36.1	36.2	36.3	37.1
GE 14000	23.8	24.0	28.0	29.4	32.4	33.1	35.2	35.8	36.1	36.1	36.1	36.1	36.2	36.3	36.5	37.2
GE 12000	23.9	24.1	28.1	29.5	32.5	33.2	35.3	35.9	36.2	36.2	36.2	36.2	36.3	36.5	36.6	37.3
GE 10000	24.6	24.8	28.9	30.4	33.8	34.5	36.6	37.2	37.5	37.5	37.5	37.5	37.6	37.7	37.8	38.6
GE 9000	25.4	25.6	30.0	31.5	34.8	35.6	37.6	38.3	38.6	38.6	38.6	38.6	38.7	38.8	38.9	39.7
GE 8000	26.8	27.1	31.8	33.7	37.4	38.4	40.9	41.5	41.8	41.8	41.8	41.8	41.9	42.0	42.2	42.9
GE 7000	27.2	27.5	32.5	34.1	37.8	38.8	41.4	42.0	42.4	42.4	42.4	42.4	42.5	42.6	42.7	43.4
GE 6000	27.2	27.5	32.5	34.3	38.1	39.0	41.6	42.3	42.6	42.6	42.6	42.6	42.7	42.8	42.9	43.7
GE 5000	28.6	28.9	34.1	36.3	40.6	41.6	44.2	44.9	45.4	45.4	45.4	45.4	45.5	45.6	45.7	46.6
GE 4500	30.2	30.5	35.9	38.5	42.8	43.8	46.6	47.4	47.8	47.8	47.8	47.8	48.0	48.1	48.2	49.0
GE 4000	34.2	34.6	40.4	43.2	47.8	49.0	51.9	53.0	53.4	53.4	53.4	53.4	53.5	53.7	53.8	54.6
GE 3500	38.5	39.0	45.2	48.3	53.8	55.4	58.3	59.4	60.0	60.1	60.1	60.1	60.2	60.3	60.4	61.3
GE 3000	43.4	44.0	50.6	54.0	60.2	61.9	65.1	66.2	66.9	67.0	67.0	67.1	67.2	67.3	67.4	68.3
GE 2500	46.5	47.0	54.3	58.1	64.6	66.3	69.6	71.0	71.6	71.7	71.7	71.8	71.9	72.0	72.2	73.0
GE 2000	49.7	50.3	58.8	62.9	70.4	72.5	76.3	77.8	78.7	78.8	78.8	78.9	79.0	79.1	79.2	80.1
GE 1800	49.7	50.3	58.8	62.9	70.5	72.6	76.5	78.0	78.8	78.9	78.9	79.0	79.1	79.2	79.4	80.2
GE 1500	51.0	51.9	61.5	65.7	74.7	77.0	81.4	83.1	84.3	84.4	84.4	84.5	84.6	84.7	84.8	85.7
GE 1200	51.4	52.4	62.3	66.8	76.1	78.5	83.1	85.2	86.3	86.5	86.5	86.6	86.7	86.8	86.9	87.7
GE 1000	51.5	52.5	62.5	67.4	77.0	79.5	84.2	86.9	88.1	88.2	88.2	88.3	88.4	88.5	88.6	89.5
GE 900	51.9	52.9	63.0	68.0	77.5	80.0	84.7	87.6	88.8	88.9	88.9	89.0	89.1	89.2	89.4	90.2
GE 800	52.2	53.1	63.2	68.3	78.6	81.8	86.6	89.7	90.9	91.0	91.0	91.1	91.2	91.3	91.4	92.3
GE 700	52.2	53.1	63.2	68.6	79.1	82.4	87.2	90.4	91.6	91.7	91.7	91.8	91.9	92.0	92.2	93.0
GE 600	52.2	53.1	63.2	68.6	79.1	82.4	87.6	91.3	92.6	92.7	92.8	92.9	93.0	93.1	93.2	94.1
GE 500	52.2	53.1	63.2	68.6	79.4	82.7	88.1	92.4	93.7	93.8	94.2	94.3	94.4	94.5	94.6	95.5
GE 400	52.2	53.1	63.2	68.6	79.5	82.8	88.3	93.1	94.6	94.7	95.3	95.4	95.5	95.6	95.7	96.6
GE 300	52.2	53.1	63.2	68.6	79.5	82.8	88.3	93.5	95.2	95.5	96.0	96.1	96.2	96.3	96.5	97.3
GE 200	52.2	53.1	63.2	68.6	79.5	82.8	88.3	93.8	95.4	96.0	96.6	96.7	96.8	97.0	97.7	98.9
GE 100	52.2	53.1	63.2	68.6	79.5	82.8	88.3	93.8	95.4	96.0	96.8	96.9	97.0	97.3	98.2	99.7
GE 000	52.2	53.1	63.2	68.6	79.5	82.8	88.3	93.8	95.4	96.0	96.8	96.9	97.2	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	23.2	23.4	26.5	27.3	29.9	30.4	31.8	33.3	33.5	33.7	33.7	33.8	33.9	34.1	34.2	34.4
GE 20000	25.6	25.8	29.1	30.1	33.3	34.1	35.5	37.0	37.2	37.3	37.3	37.4	37.5	37.7	37.8	38.1
GE 18000	25.6	25.8	29.1	30.1	33.3	34.1	35.5	37.0	37.2	37.3	37.3	37.4	37.5	37.7	37.8	38.1
GE 16000	25.6	25.8	29.1	30.1	33.3	34.1	35.5	37.0	37.2	37.3	37.3	37.4	37.5	37.7	37.8	38.1
GE 14000	25.6	25.8	29.1	30.1	33.3	34.1	35.5	37.0	37.2	37.3	37.3	37.4	37.5	37.7	37.8	38.1
GE 12000	25.6	25.8	29.1	30.1	33.3	34.1	35.5	37.0	37.2	37.3	37.3	37.4	37.5	37.7	37.8	38.1
GE 10000	26.6	26.8	30.1	31.1	34.4	35.2	36.6	38.1	38.3	38.4	38.4	38.5	38.6	38.8	38.9	39.1
GE 9000	27.0	27.2	30.5	31.5	34.8	35.6	37.0	38.5	38.7	38.8	38.8	38.9	39.0	39.2	39.4	39.6
GE 8000	30.6	30.9	34.3	35.4	39.0	39.8	41.2	42.7	42.9	43.0	43.0	43.1	43.2	43.4	43.5	43.8
GE 7000	31.2	31.4	34.8	35.9	39.6	40.3	41.7	43.2	43.4	43.5	43.5	43.7	43.8	44.0	44.1	44.3
GE 6000	31.2	31.4	34.8	35.9	39.6	40.3	41.7	43.2	43.4	43.5	43.5	43.7	43.8	44.0	44.1	44.3
GE 5000	32.4	32.6	36.2	7.7	42.4	43.1	44.7	46.7	46.9	47.0	47.0	47.1	47.2	47.4	47.6	48.0
GE 4500	35.1	35.3	39.4	40.9	45.6	46.5	48.2	50.1	50.4	50.5	50.5	50.6	50.8	51.0	51.2	51.5
GE 4000	38.7	39.0	43.5	45.6	51.4	52.3	54.1	56.0	56.3	56.5	56.6	56.7	56.8	57.1	57.3	57.7
GE 3500	42.2	42.5	47.2	50.0	57.0	58.1	60.1	62.2	62.6	62.7	62.8	62.9	63.0	63.3	63.5	64.0
GE 3000	46.7	47.0	52.4	55.2	64.0	65.4	67.5	69.6	70.2	70.4	70.5	70.6	70.8	71.1	71.3	71.7
GE 2500	49.0	49.4	55.6	58.6	68.3	69.7	71.9	74.1	74.7	74.9	75.1	75.2	75.3	75.6	75.8	76.2
GE 2000	50.8	51.1	58.4	61.6	71.8	73.2	75.5	78.0	78.6	78.8	78.9	79.0	79.1	79.5	79.7	80.1
GE 1800	50.8	51.1	58.4	61.6	71.8	73.2	75.5	78.0	78.6	78.8	78.9	79.0	79.1	79.5	79.7	80.1
GE 1500	51.5	51.9	60.2	63.9	75.4	77.1	80.1	82.7	83.5	83.8	83.9	84.0	84.1	84.4	84.6	85.1
GE 1200	52.7	53.2	61.7	65.9	77.7	79.5	82.5	85.2	86.0	86.2	86.3	86.5	86.6	86.9	87.1	87.5
GE 1000	52.7	53.2	61.8	66.0	78.4	80.3	83.4	86.3	87.2	87.4	87.5	87.6	87.7	88.1	88.3	88.7
GE 900	53.2	53.8	62.5	67.1	79.5	81.4	84.6	87.7	88.6	88.8	88.9	89.0	89.1	89.5	89.7	90.1
GE 800	53.4	54.0	62.9	67.5	80.3	82.4	86.0	89.2	90.2	90.4	90.5	90.6	90.8	91.1	91.3	91.7
GE 700	53.5	54.1	63.0	67.7	80.9	83.1	86.9	90.1	91.1	91.3	91.4	91.5	91.6	91.9	92.2	92.6
GE 600	53.5	54.1	63.0	67.8	81.2	83.7	87.5	91.1	92.0	92.3	92.5	92.9	93.0	93.4	93.7	94.1
GE 500	53.5	54.1	63.0	67.8	81.6	84.2	88.1	91.8	92.8	93.0	93.2	93.7	93.8	94.2	94.4	94.8
GE 400	53.5	54.1	63.0	67.8	81.9	84.5	88.4	92.4	93.4	93.7	94.1	94.5	94.6	95.1	95.3	95.7
GE 300	53.5	54.1	63.0	67.8	81.9	84.6	88.5	92.5	93.5	94.0	94.4	94.8	94.9	95.8	96.1	96.6
GE 200	53.5	54.1	63.0	67.8	81.9	84.6	88.5	92.5	93.7	94.1	94.6	95.1	95.3	96.3	97.0	97.7
GE 100	53.5	54.1	63.0	67.8	81.9	84.6	88.5	92.5	93.7	94.1	94.6	95.2	95.4	96.8	98.1	99.6
GE 000	53.5	54.1	63.0	67.8	81.9	84.6	88.5	92.5	93.7	94.1	94.6	95.2	95.4	96.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.9	23.2	25.7	27.0	29.0	29.4	30.3	31.2	31.3	31.6	31.6	31.7	31.8	31.9	32.0	32.3
GE 20000	26.2	26.5	29.5	30.9	33.4	33.9	34.8	35.7	35.9	36.1	36.2	36.2	36.4	36.5	36.6	36.9
GE 18000	26.2	26.6	29.6	31.0	33.5	34.0	34.9	35.8	36.0	36.2	36.3	36.4	36.5	36.6	36.7	37.1
GE 16000	26.2	26.6	29.6	31.0	33.5	34.0	34.9	35.8	36.0	36.2	36.3	36.4	36.5	36.6	36.7	37.1
GE 14000	26.3	26.6	29.6	31.1	33.5	34.1	35.0	35.9	36.0	36.3	36.4	36.4	36.6	36.7	36.8	37.1
GE 12000	26.4	26.8	29.8	31.3	33.8	34.3	35.2	36.1	36.3	36.5	36.6	36.7	36.8	36.9	37.0	37.4
GE 10000	27.3	27.7	30.9	32.4	35.1	35.6	36.6	37.4	37.6	37.9	38.0	38.0	38.2	38.3	38.4	38.7
GE 9000	27.9	28.3	31.6	33.1	35.9	36.5	37.5	38.3	38.5	38.7	38.8	38.9	39.0	39.1	39.3	39.6
GE 8000	30.3	30.7	34.4	36.1	39.2	39.8	40.9	41.8	41.9	42.2	42.3	42.3	42.5	42.6	42.7	43.0
GE 7000	30.9	31.4	35.1	36.9	40.0	40.6	41.8	42.6	42.8	43.1	43.1	43.2	43.3	43.4	43.6	43.9
GE 6000	31.0	31.4	35.2	37.0	40.1	40.8	41.9	42.8	43.0	43.2	43.3	43.4	43.5	43.6	43.7	44.1
GE 5000	32.5	32.9	37.0	39.0	42.6	43.3	44.6	45.5	45.7	46.0	46.1	46.2	46.3	46.4	46.6	46.9
GE 4500	35.0	35.5	39.9	42.1	45.8	46.6	48.1	49.1	49.4	49.8	49.9	50.0	50.1	50.2	50.4	50.7
GE 4000	38.5	39.1	44.2	46.6	51.2	52.0	53.6	54.7	55.1	55.6	55.8	55.8	56.0	56.1	56.2	56.6
GE 3500	41.5	42.1	47.6	50.4	55.6	56.5	58.3	59.6	60.0	60.6	60.8	60.9	61.0	61.1	61.3	61.7
GE 3000	45.9	46.5	52.6	55.6	61.5	62.6	64.6	66.2	66.7	67.3	67.5	67.6	67.8	67.9	68.1	68.4
GE 2500	48.5	49.2	55.8	58.9	65.4	66.6	68.7	70.5	71.0	71.7	71.9	72.0	72.2	72.3	72.4	72.8
GE 2000	51.1	51.8	59.4	62.9	70.3	71.7	74.1	76.2	76.8	77.6	77.8	78.0	78.1	78.3	78.4	78.8
GE 1800	51.4	52.1	59.7	63.1	70.6	72.1	74.5	76.6	77.2	78.0	78.3	78.4	78.6	78.7	78.8	79.2
GE 1500	52.8	53.6	62.1	65.8	74.2	75.8	78.6	81.0	81.7	82.5	82.8	82.9	83.1	83.3	83.4	83.8
GE 1200	53.6	54.4	63.5	67.5	76.3	78.1	81.1	83.6	84.4	85.3	85.6	85.7	85.9	86.1	86.2	86.6
GE 1000	53.8	54.6	63.8	67.9	77.0	78.9	82.1	84.9	85.8	86.7	87.0	87.2	87.4	87.6	87.7	88.1
GE 900	54.1	54.9	64.2	68.4	77.6	79.5	82.8	85.7	86.6	87.5	88.0	88.1	88.3	88.5	88.7	89.0
GE 800	54.2	55.0	64.5	68.8	78.5	80.6	84.0	87.0	88.0	89.0	89.4	89.6	89.8	90.0	90.1	90.5
GE 700	54.2	55.1	64.7	69.2	79.2	81.3	84.9	88.1	89.1	90.1	90.6	90.8	91.0	91.2	91.3	91.7
GE 600	54.3	55.1	64.8	693	79.4	81.7	85.6	89.1	90.2	91.3	91.8	92.0	92.3	92.5	92.6	93.0
GE 500	54.3	55.1	64.9	69.4	79.8	82.2	86.4	90.2	91.4	92.5	93.1	93.4	93.7	93.9	94.0	94.5
GE 400	54.3	55.2	64.9	69.4	80.0	82.4	86.7	90.7	92.0	93.2	93.9	94.2	94.5	94.7	94.9	95.3
GE 300	54.3	55.2	64.9	69.4	80.0	82.5	86.8	90.9	92.3	93.7	94.4	94.8	95.2	95.7	95.9	96.4
GE 200	54.3	55.2	64.9	69.4	80.0	82.5	86.8	91.0	92.4	93.8	94.6	95.1	95.7	96.5	97.3	98.4
GE 100	54.3	55.2	64.9	69.4	80.0	82.5	86.8	91.0	92.4	93.8	94.7	95.2	95.8	96.8	98.1	99.9
GE 000	54.3	55.2	64.9	69.4	80.0	82.5	86.8	91.0	92.4	93.8	94.7	95.2	95.9	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.8	18.4	24.5	25.1	30.0	31.4	33.1	33.8	33.9	34.0	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	19.3	19.9	26.4	27.0	32.5	33.9	35.8	36.6	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.2
GE 18000	19.3	19.9	26.4	27.0	32.6	34.0	35.9	36.7	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.3
GE 16000	19.3	19.9	26.4	27.0	32.6	34.0	35.9	36.7	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.3
GE 14000	19.3	19.9	26.4	27.0	32.6	34.0	35.9	36.7	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.3
GE 12000	19.7	20.3	26.7	27.3	33.1	34.5	36.4	37.2	37.3	37.5	37.6	37.6	37.6	37.6	37.6	37.8
GE 10000	20.3	20.8	27.6	28.2	34.0	35.5	37.5	38.3	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.9
GE 0000	20.5	21.1	27.8	28.4	34.3	35.7	37.8	38.6	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.2
GE 8000	22.3	22.9	29.7	30.6	37.5	38.9	41.0	41.8	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.4
GE 7000	22.5	23.2	30.0	31.0	37.8	39.2	41.3	42.2	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.8
GE 6000	22.5	23.2	30.0	31.0	37.8	39.2	41.3	42.2	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.8
GE 5000	24.3	25.0	31.9	32.9	40.0	41.7	44.3	45.1	45.2	45.3	45.5	45.5	45.5	45.5	45.5	45.7
GE 4500	27.4	28.2	35.6	36.7	44.4	46.3	49.1	50.1	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.6
GE 4000	30.9	31.6	40.6	41.8	49.5	52.1	55.5	56.4	56.5	56.7	56.8	56.8	56.8	56.8	56.8	57.0
GE 3500	33.6	34.3	43.7	45.2	53.8	56.4	59.8	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.4
GE 3000	36.4	37.3	47.6	49.5	58.5	61.2	65.6	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.6
GE 2500	39.2	39.9	50.5	53.2	62.9	65.8	70.4	71.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.4
GE 2000	41.1	41.8	53.0	56.1	66.8	70.1	75.6	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	78.0
GE 1800	41.3	42.0	53.2	56.3	67.3	70.6	76.1	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.4
GE 1500	43.0	43.7	55.2	59.0	70.7	74.0	79.9	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.2
GE 1200	43.8	44.5	56.1	59.8	71.8	75.6	82.0	83.9	84.0	84.2	84.3	84.3	84.5	84.6	84.6	84.8
GE 1000	44.1	44.8	56.3	60.1	72.9	76.7	83.7	85.6	85.7	86.2	86.5	86.5	86.6	86.7	86.7	86.9
GE 900	44.2	44.9	56.5	60.4	73.5	77.4	84.6	86.5	86.6	87.0	87.3	87.3	87.4	87.5	87.5	87.8
GE 800	44.2	44.9	56.5	60.4	74.0	78.1	85.3	87.6	87.8	88.2	88.5	88.6	88.7	88.8	88.8	89.0
GE 700	44.5	45.2	57.1	61.1	74.7	78.8	86.3	88.7	88.9	89.6	89.9	90.0	90.1	90.2	90.2	90.5
GE 600	44.5	45.2	57.4	61.5	75.5	79.6	87.4	90.7	91.2	91.9	92.2	92.3	92.6	92.7	92.7	92.9
GE 500	44.5	45.2	57.4	61.5	75.9	80.1	88.7	92.6	93.1	93.8	94.2	94.3	94.6	94.7	94.7	94.9
GE 400	44.5	45.2	57.4	61.5	76.0	80.2	89.0	93.2	93.8	94.7	95.2	95.4	95.6	95.9	95.9	96.1
GE 300	44.5	45.2	57.4	61.5	76.0	80.2	89.2	93.3	94.0	95.2	95.8	96.0	96.5	96.7	96.7	96.9
GE 200	44.5	45.2	57.4	61.5	76.0	80.2	89.2	93.3	94.1	95.4	96.1	96.3	97.2	97.4	97.4	97.9
GE 100	44.5	45.2	57.4	61.5	76.0	80.2	89.2	93.3	94.1	95.4	96.1	96.3	97.2	97.4	98.4	99.5
GE 000	44.5	45.2	57.4	61.5	76.0	80.2	89.2	93.3	94.1	95.4	96.1	96.3	97.2	97.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	16.6	16.8	21.8	23.8	29.9	30.4	32.5	33.5	33.6	33.6	33.6	33.8	33.8	33.8	34.2	34.2
GE 20000	17.8	18.0	23.1	25.2	31.4	31.9	34.0	35.0	35.1	35.1	35.1	35.3	35.3	35.3	35.7	35.7
GE 18000	17.8	18.0	23.1	25.2	31.4	31.9	34.0	35.0	35.1	35.1	35.1	35.3	35.3	35.3	35.7	35.7
GE 16000	17.8	18.0	23.1	25.2	31.4	31.9	34.0	35.0	35.1	35.1	35.1	35.3	35.3	35.3	35.7	35.7
GE 14000	17.8	18.0	23.1	25.2	31.4	31.9	34.0	35.0	35.1	35.1	35.1	35.3	35.3	35.3	35.7	35.7
GE 12000	18.3	18.5	23.6	25.7	31.9	32.4	34.5	35.5	35.6	35.6	35.6	35.8	35.8	35.8	36.2	36.2
GE 10000	19.0	19.2	24.5	26.6	32.9	33.3	35.5	36.4	36.5	36.5	36.5	36.7	36.7	36.7	37.1	37.1
GE 9000	19.3	19.6	24.9	27.0	33.2	33.7	36.0	37.0	37.1	37.1	37.1	37.3	37.3	37.3	37.7	37.7
GE 8000	21.9	22.1	27.7	30.0	36.3	36.9	39.2	40.2	40.3	40.3	40.3	40.5	40.5	40.5	40.9	40.9
GE 7000	22.0	22.3	27.8	30.2	36.4	37.0	39.3	40.3	40.4	40.4	40.4	40.6	40.6	40.6	41.0	41.0
GE 6000	22.3	22.5	28.0	30.4	36.6	37.2	39.6	40.5	40.6	40.6	40.6	40.9	40.9	40.9	41.2	41.2
GE 5000	22.7	23.0	28.5	31.4	38.2	38.8	41.5	42.4	42.5	42.5	42.5	42.8	42.8	42.8	43.1	43.1
GE 4500	25.2	25.6	31.2	34.2	41.2	42.4	45.5	46.4	46.5	46.5	46.5	46.8	46.8	46.8	47.1	47.1
GE 4000	28.0	28.4	35.7	38.8	46.8	48.3	51.8	52.8	52.9	52.9	52.9	53.1	53.1	53.1	53.5	53.5
GE 3500	31.1	31.4	39.1	43.2	52.3	53.9	57.5	58.4	58.5	58.5	58.5	58.8	58.8	58.8	59.1	59.1
GE 3000	35.8	36.2	44.3	48.9	58.3	60.4	64.7	65.6	65.7	65.7	65.7	66.1	66.1	66.1	66.4	66.4
GE 2500	38.8	39.1	47.2	52.3	62.5	64.8	69.6	70.6	70.7	70.7	70.7	71.0	71.0	71.0	71.4	71.4
GE 2000	42.4	42.8	51.1	56.2	67.1	69.7	75.4	76.7	76.8	76.8	77.0	77.4	77.4	77.4	77.7	77.7
GE 1800	42.9	43.2	51.6	56.7	67.8	70.4	76.2	77.5	77.6	77.6	77.9	78.2	78.2	78.2	78.6	78.6
GE 1500	44.4	44.8	53.7	59.0	70.6	73.3	79.0	80.8	80.9	80.9	81.2	81.5	81.5	81.5	81.9	81.9
GE 1200	44.8	45.1	54.1	59.4	71.3	74.3	80.4	82.3	82.6	82.8	83.0	83.5	83.6	83.6	84.0	84.0
GE 1000	45.1	45.5	54.5	60.1	72.6	75.9	82.2	84.8	85.0	85.6	85.9	86.3	86.5	86.5	86.8	86.8
GE 900	45.1	45.5	54.5	60.2	73.0	76.6	82.9	85.5	85.7	86.3	86.6	87.0	87.2	87.2	87.5	87.5
GE 800	45.1	45.5	54.5	60.4	73.3	77.0	84.0	86.6	86.8	87.6	87.9	88.3	88.5	88.5	88.8	88.8
GE 700	45.1	45.5	54.7	60.5	74.0	78.1	85.0	87.9	88.1	89.2	89.4	89.9	90.0	90.0	90.3	90.3
GE 600	45.2	45.6	54.8	60.7	74.2	78.4	85.7	89.2	89.5	90.8	91.0	91.5	91.6	91.6	92.0	92.0
GE 500	45.2	45.6	54.8	60.7	74.4	79.0	86.5	90.1	90.5	91.8	92.0	92.5	92.6	92.6	92.9	92.9
GE 400	45.2	45.6	54.8	60.7	74.6	79.5	87.2	90.8	91.5	92.8	93.2	93.6	93.9	93.9	94.2	94.2
GE 300	45.2	45.6	54.8	60.7	74.6	79.5	87.5	91.2	92.1	93.9	94.3	94.8	95.2	95.3	95.9	95.9
GE 200	45.2	45.6	54.8	60.7	74.6	79.5	87.5	91.2	92.2	94.3	95.3	95.9	96.8	97.4	98.0	98.4
GE 100	45.2	45.6	54.8	60.7	74.6	79.5	87.5	91.2	92.2	94.3	95.3	95.9	96.8	97.5	98.7	99.6
GE 000	45.2	45.6	54.8	60.7	74.6	79.5	87.5	91.2	92.2	94.3	95.3	95.9	96.8	97.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 06-08

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.6	17.6	21.1	22.5	26.4	27.1	29.1	30.9	30.9	31.1	31.2	31.2	31.2	31.3	31.3	31.7
GE 20000	19.7	19.7	23.7	25.1	29.4	30.4	32.9	34.9	34.9	35.2	35.3	35.3	35.3	35.5	35.5	35.8
GE 18000	19.7	19.7	23.7	25.1	29.4	30.4	32.9	34.9	34.9	35.2	35.3	35.3	35.3	35.5	35.5	35.8
GE 16000	19.7	19.7	23.7	25.1	29.4	30.4	32.9	34.9	34.9	35.2	35.3	35.3	35.3	35.5	35.5	35.8
GE 14000	19.7	19.7	23.7	25.1	29.4	30.4	32.9	34.9	34.9	35.2	35.3	35.3	35.3	35.5	35.5	35.8
GE 12000	19.9	19.9	23.9	25.3	29.7	30.6	33.1	35.1	35.1	35.5	35.6	35.6	35.6	35.7	35.7	36.0
GE 10000	20.7	20.7	24.9	26.3	31.1	32.0	34.5	36.5	36.5	36.9	37.0	37.0	37.0	37.1	37.1	37.5
GE 9000	21.0	21.0	25.1	26.5	31.3	32.3	34.7	36.7	36.7	37.1	37.2	37.2	37.2	37.3	37.3	37.7
GE 8000	22.3	22.3	26.6	28.0	33.1	34.3	37.1	39.2	39.3	39.7	39.8	39.8	39.8	39.9	39.9	40.3
GE 7000	22.4	22.4	26.9	28.3	33.5	34.7	37.6	39.7	39.8	40.2	40.3	40.3	40.3	40.5	40.5	40.9
GE 6000	23.0	23.0	27.4	28.9	34.0	35.3	38.2	40.3	40.4	40.8	40.9	40.9	40.9	41.1	41.1	41.5
GE 5000	23.7	23.7	28.5	30.5	36.0	37.7	40.5	42.8	43.0	43.3	43.5	43.5	43.5	43.7	43.7	44.1
GE 4500	26.1	26.1	31.1	33.2	38.9	41.1	44.3	46.6	46.9	47.2	47.5	47.5	47.5	47.7	47.7	48.1
GE 4000	30.0	30.0	35.8	38.3	44.9	47.1	50.8	53.2	53.5	53.8	54.1	54.1	54.1	54.3	54.3	54.7
GE 3500	33.2	33.2	39.3	41.8	49.2	51.5	55.2	57.8	58.1	58.4	58.7	59.0	59.0	59.2	59.2	59.6
GE 3000	37.5	37.5	44.5	47.1	55.0	57.5	61.6	64.3	64.5	64.9	65.3	65.6	65.6	65.8	65.8	66.2
GE 2500	39.0	39.0	47.1	49.7	57.6	60.4	65.4	68.2	68.4	68.8	69.1	69.5	69.5	69.7	69.7	70.1
GE 2000	41.8	41.8	50.2	53.1	61.8	64.9	70.3	73.3	73.6	74.1	74.4	74.8	74.8	75.0	75.0	75.4
GE 1800	42.0	42.0	50.4	53.4	62.1	65.1	70.8	73.7	74.1	74.6	74.9	75.3	75.3	75.5	75.5	75.9
GE 1500	43.3	43.3	52.1	55.7	65.0	68.2	74.7	78.2	78.7	79.6	80.1	80.4	80.6	80.8	80.8	81.2
GE 1200	43.3	43.3	52.1	55.7	65.6	69.0	75.7	79.9	80.4	81.6	82.1	82.4	82.6	82.9	82.9	83.3
GE 1000	43.5	43.5	52.4	56.1	66.2	69.7	76.8	81.2	81.7	82.9	83.4	83.7	83.9	84.2	84.2	84.6
GE 900	43.6	43.6	52.7	56.5	66.8	70.6	77.9	82.4	83.0	84.3	84.8	85.2	85.3	85.6	85.6	86.0
GE 800	44.4	44.4	53.7	57.6	68.3	72.2	80.0	84.8	85.4	86.8	87.4	87.8	87.9	88.2	88.2	88.6
GE 700	44.4	44.4	53.7	57.7	69.4	73.4	81.5	86.5	87.2	88.7	89.3	89.6	89.9	90.2	90.2	90.6
GE 600	44.6	44.6	54.1	58.1	69.8	73.9	82.4	87.5	88.2	89.8	90.3	90.7	90.9	91.3	91.3	91.6
GE 500	44.6	44.6	54.2	58.2	70.1	74.3	82.9	88.8	89.6	91.5	92.1	92.5	92.8	93.2	93.2	93.5
GE 400	44.6	44.6	54.2	58.2	70.1	74.3	82.9	89.4	90.2	92.3	93.1	93.4	93.6	94.3	94.3	94.9
GE 300	44.6	44.6	54.2	58.2	70.2	74.4	83.0	89.8	90.8	93.1	93.8	94.1	94.7	95.1	95.3	95.9
GE 200	44.6	44.6	54.2	58.2	70.2	74.4	83.2	89.9	91.2	93.4	94.3	94.7	95.4	95.9	96.6	97.8
GE 100	44.6	44.6	54.2	58.2	70.2	74.4	83.2	89.9	91.2	93.4	94.3	94.7	95.4	95.9	97.3	99.4
GE 000	44.6	44.6	54.2	58.2	70.2	74.4	83.2	89.9	91.2	93.4	94.3	94.7	95.4	95.9	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.0	18.1	19.9	21.2	24.3	24.9	26.4	27.7	27.9	28.0	28.2	28.2	28.2	28.2	28.2	28.3
GE 20000	21.3	21.4	23.3	24.9	28.7	29.3	31.6	33.2	33.5	33.6	33.8	33.8	33.8	33.8	33.9	34.0
GE 18000	21.4	21.6	23.4	25.0	28.9	29.4	31.7	33.3	33.6	33.7	33.9	33.9	33.9	33.9	34.0	34.2
GE 16000	21.4	21.6	23.4	25.0	28.9	29.4	31.7	33.3	33.6	33.7	33.9	33.9	33.9	33.9	34.0	34.2
GE 14000	21.6	21.7	23.8	25.3	29.2	29.8	32.0	33.7	33.9	34.0	34.3	34.3	34.3	34.3	34.4	34.5
GE 12000	21.8	21.9	24.1	25.7	29.7	30.3	32.5	34.2	34.4	34.5	34.7	34.7	34.7	34.7	34.9	35.0
GE 10000	23.6	23.7	26.1	27.7	31.7	32.3	34.5	36.2	36.4	36.5	36.7	36.7	36.7	36.7	36.9	37.0
GE 9000	23.7	23.8	26.3	27.8	31.8	32.4	34.6	36.5	36.7	36.9	37.1	37.1	37.1	37.1	37.2	37.3
GE 8000	26.7	26.9	29.4	31.1	35.2	35.9	38.5	41.0	41.2	41.3	41.6	41.6	41.6	41.6	41.7	41.8
GE 7000	26.9	27.0	29.6	31.2	35.5	36.2	38.8	41.2	41.5	41.6	41.8	41.8	41.8	41.8	41.9	42.0
GE 6000	27.0	27.1	29.8	31.4	36.0	36.7	39.3	41.8	42.0	42.2	42.4	42.4	42.4	42.4	42.5	42.6
GE 5000	29.3	29.4	32.4	34.2	39.0	40.2	42.9	45.3	45.7	45.9	46.2	46.2	46.2	46.2	46.3	46.4
GE 4500	32.4	32.5	35.6	37.6	42.8	44.2	46.9	49.4	49.7	49.9	50.2	50.2	50.2	50.2	50.3	50.4
GE 4000	35.5	35.7	40.0	42.3	47.8	49.5	52.3	55.0	55.5	55.8	56.1	56.3	56.5	56.5	56.7	56.8
GE 3500	37.9	38.2	43.5	45.7	51.6	53.4	56.7	59.8	60.5	61.0	61.4	61.6	61.8	61.8	62.0	62.1
GE 3000	41.3	41.6	47.5	50.2	56.7	58.9	62.3	66.1	66.9	67.4	67.7	68.0	68.2	68.2	68.3	68.4
GE 2500	43.1	43.3	49.6	52.3	59.0	61.4	65.0	68.8	69.6	70.1	70.4	70.8	71.0	71.0	71.1	71.3
GE 2000	44.9	45.1	52.1	55.2	62.7	65.5	69.4	73.5	74.3	74.8	75.3	75.6	75.9	75.9	76.0	76.1
GE 1800	44.9	45.1	52.1	55.4	62.8	65.6	69.7	74.0	74.8	75.3	75.7	76.1	76.3	76.3	76.4	76.6
GE 1500	46.1	46.3	53.5	57.2	65.5	68.9	73.4	78.1	79.2	79.9	80.6	80.9	81.2	81.2	81.3	81.4
GE 1200	46.9	47.1	54.5	58.4	66.9	70.6	75.4	80.7	81.7	82.6	83.5	84.0	84.2	84.2	84.3	84.5
GE 1000	47.0	47.2	54.9	58.9	67.6	71.4	76.8	82.4	83.5	84.3	85.3	85.7	86.0	86.0	86.1	86.2
GE 900	47.1	47.3	55.1	59.1	68.1	72.1	78.0	83.9	84.9	85.9	86.8	87.3	87.5	87.5	87.6	87.8
GE 800	47.5	47.7	55.6	59.6	68.7	73.3	79.4	85.3	86.3	87.3	88.6	89.0	89.3	89.3	89.4	89.5
GE 700	47.5	47.7	55.7	59.7	68.9	73.6	80.1	86.8	88.0	89.2	90.6	91.3	91.5	91.6	91.8	91.9
GE 600	47.5	47.7	55.7	59.8	69.0	73.7	80.3	87.2	88.6	89.8	91.2	91.9	92.1	92.2	92.3	92.5
GE 500	47.5	47.7	55.8	60.1	69.3	74.0	80.7	87.8	89.4	91.5	93.1	93.8	94.1	94.2	94.3	94.5
GE 400	47.5	47.7	55.9	60.2	69.7	74.6	81.4	88.9	90.8	93.3	94.8	95.5	95.9	96.1	96.2	96.5
GE 300	47.5	47.7	55.9	60.2	69.7	74.6	81.4	89.0	91.2	93.8	95.5	96.2	96.9	97.2	97.4	97.6
GE 200	47.5	47.7	55.9	60.2	69.7	74.6	81.4	89.0	91.2	93.9	95.6	96.6	97.3	97.5	97.9	98.9
GE 100	47.5	47.7	55.9	60.2	69.7	74.6	81.4	89.0	91.2	93.9	95.6	96.6	97.3	97.9	98.2	99.6
GE 000	47.5	47.7	55.9	60.2	69.7	74.6	81.4	89.0	91.2	93.9	95.6	96.6	97.3	97.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.6	18.7	20.1	21.2	22.4	23.3	24.5	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 20000	22.3	22.5	24.4	25.7	28.0	29.4	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 18000	22.3	22.5	24.4	25.7	28.0	29.4	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 16000	22.3	22.5	24.4	25.7	28.0	29.4	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 14000	22.4	22.6	24.5	25.8	28.2	29.6	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 12000	22.9	23.1	25.1	26.4	28.7	30.2	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 10000	24.6	24.9	27.1	28.4	30.7	32.2	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 9000	24.7	25.0	27.3	28.6	31.0	32.4	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 8000	27.9	28.2	30.7	32.3	35.0	36.4	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 7000	28.5	28.7	31.3	32.9	35.6	37.0	38.6	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 6000	28.5	28.7	31.3	32.9	35.6	37.0	38.6	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 5000	30.2	30.4	33.2	34.7	37.8	39.6	41.2	41.7	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 4500	33.1	33.3	37.2	38.9	42.0	43.8	45.5	45.9	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 4000	38.3	38.5	42.8	44.8	48.3	50.1	51.9	53.0	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 3500	42.6	43.0	47.7	49.9	53.9	55.8	57.7	59.0	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 3000	48.9	49.2	55.0	57.4	62.2	64.1	66.7	68.3	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 2500	51.2	51.6	57.4	59.8	64.9	66.8	69.5	71.1	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 2000	53.4	53.7	60.0	63.3	68.7	70.9	74.2	76.2	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1800	53.7	54.1	60.3	63.6	69.1	71.4	74.7	76.8	76.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1500	56.1	56.4	63.7	67.7	74.9	77.5	80.9	83.5	83.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	57.0	57.4	65.0	69.6	77.4	80.3	84.3	87.4	87.9	88.7	88.7	88.7	88.7	88.8	88.8	88.8
GE 1000	57.1	57.5	65.3	70.4	78.4	81.7	86.3	89.5	90.0	90.8	90.8	90.8	90.8	90.9	90.9	90.9
GE 900	57.4	57.7	65.5	70.7	78.9	82.7	87.5	90.8	91.3	92.1	92.2	92.2	92.2	92.3	92.3	92.3
GE 800	57.4	57.7	65.6	70.8	79.4	83.4	88.3	91.8	92.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4
GE 700	57.5	57.8	65.8	71.1	79.7	83.7	88.9	92.6	93.2	94.6	94.7	94.7	94.7	94.8	94.8	94.8
GE 600	57.5	57.8	65.8	71.3	80.0	84.0	89.3	93.2	93.8	95.3	95.4	95.5	95.5	95.6	95.6	95.6
GE 500	57.5	57.8	65.8	71.3	80.1	84.2	89.6	93.6	94.8	96.7	96.8	96.9	96.9	97.1	97.1	97.1
GE 400	57.5	57.8	65.8	71.3	80.1	84.2	89.6	93.6	94.9	97.4	97.8	97.9	97.9	98.1	98.1	98.1
GE 300	57.5	57.8	65.8	71.3	80.1	84.2	89.6	93.8	95.2	97.8	98.6	98.7	98.8	99.1	99.1	99.1
GE 200	57.5	57.8	65.8	71.3	80.1	84.2	89.6	93.8	95.2	97.8	98.6	98.8	99.2	99.5	99.5	99.8
GE 100	57.5	57.8	65.8	71.3	80.1	84.2	89.6	93.8	95.2	97.8	98.6	98.8	99.2	99.6	99.6	99.9
GE 000	57.5	57.8	65.8	71.3	80.1	84.2	89.6	93.8	95.2	97.8	98.6	98.8	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.0	20.4	23.6	23.9	25.3	25.7	26.4	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 20000	25.0	25.3	29.2	29.8	32.5	33.3	34.4	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 18000	25.1	25.4	29.3	29.9	32.6	33.5	34.5	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 16000	25.1	25.4	29.3	29.9	32.6	33.5	34.5	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 14000	25.1	25.4	29.3	29.9	32.6	33.5	34.5	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 12000	25.3	25.7	29.6	30.2	32.9	33.7	34.7	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 10000	27.2	27.6	31.4	32.2	35.0	35.8	36.9	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 9000	27.3	27.7	31.6	32.3	35.1	35.9	37.0	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 8000	29.9	30.3	34.6	35.3	38.3	39.1	40.3	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 7000	30.3	30.6	35.0	35.7	38.6	39.5	40.6	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 6000	30.3	30.6	35.0	35.7	38.6	39.5	40.6	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 5000	31.1	31.6	36.5	37.2	40.6	41.8	43.2	43.7	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 4500	34.6	35.2	40.4	41.2	44.8	46.2	47.8	48.4	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 4000	38.9	39.6	45.7	46.5	50.4	51.8	53.6	54.2	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 3500	42.4	43.1	50.3	51.1	55.2	56.7	58.7	59.4	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3000	49.2	50.1	58.2	59.0	63.8	65.3	67.7	68.8	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2500	50.6	51.7	60.2	61.6	66.8	68.2	70.9	72.0	72.2	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 2000	53.1	54.2	63.6	66.0	71.8	73.6	76.7	78.4	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1800	53.7	54.8	64.2	66.5	72.6	74.3	77.4	79.2	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1500	54.4	55.5	66.1	69.3	76.2	78.1	81.9	84.2	84.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 1200	55.4	56.4	67.1	70.9	78.3	80.2	84.2	86.7	86.9	88.5	88.6	88.8	88.9	88.9	88.9	88.9
GE 1000	55.4	56.4	67.3	71.0	78.9	80.8	85.9	88.8	89.0	90.7	90.8	91.2	91.3	91.3	91.3	91.3
GE 900	55.4	56.4	67.3	71.0	79.0	81.3	86.3	89.3	89.5	91.2	91.3	91.6	91.8	91.8	91.8	91.8
GE 800	55.4	56.4	67.3	71.0	79.5	81.7	86.8	90.1	90.3	92.0	92.1	92.5	92.6	92.6	92.6	92.6
GE 700	55.4	56.4	67.4	71.1	79.6	82.3	87.6	91.3	91.5	93.3	93.6	94.0	94.1	94.1	94.1	94.1
GE 600	55.4	56.4	67.4	71.1	79.6	82.3	87.8	92.0	92.5	94.3	94.7	95.1	95.3	95.3	95.3	95.3
GE 500	55.4	56.4	67.4	71.1	79.7	82.7	88.5	92.9	93.8	96.1	96.6	97.1	97.3	97.3	97.3	97.3
GE 400	55.4	56.4	67.4	71.1	79.9	82.9	88.7	93.2	94.0	96.7	97.6	98.2	98.5	98.5	98.5	98.5
GE 300	55.4	56.4	67.4	71.1	79.9	82.9	88.7	93.2	94.0	96.8	97.8	98.6	98.8	98.9	98.9	98.9
GE 200	55.4	56.4	67.4	71.1	79.9	82.9	88.7	93.2	94.1	97.1	98.0	98.9	99.2	99.4	99.5	99.6
GE 100	55.4	56.4	67.4	71.1	79.9	82.9	88.7	93.2	94.1	97.1	98.2	99.2	99.4	99.6	99.8	100.0
GE 000	55.4	56.4	67.4	71.1	79.9	82.9	88.7	93.2	94.1	97.1	98.2	99.2	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.8	21.3	26.5	27.8	31.2	31.9	32.6	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6
GE 20000	23.6	24.0	29.8	31.4	35.1	35.9	37.7	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6
GE 18000	23.9	24.4	30.2	31.8	35.5	36.3	38.0	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0
GE 16000	23.9	24.4	30.2	31.8	35.5	36.3	38.0	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0
GE 14000	23.9	24.4	30.2	31.8	35.8	36.6	38.4	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3
GE 12000	24.1	24.6	30.5	32.2	36.4	37.2	39.0	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9
GE 10000	24.7	25.2	31.2	32.9	37.1	37.9	39.8	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.8
GE 9000	24.9	25.3	31.7	33.3	37.6	38.4	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2
GE 8000	27.7	28.2	34.6	36.7	41.0	41.8	43.9	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9
GE 7000	27.8	28.3	34.7	36.9	41.1	41.9	44.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1
GE 6000	27.8	28.3	34.7	36.9	41.1	41.9	44.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1
GE 5000	28.9	29.3	36.0	38.3	43.1	44.2	46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7
GE 4500	31.8	32.3	39.3	41.8	46.8	47.9	50.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
GE 4000	35.5	37.0	45.1	47.8	53.2	54.4	56.9	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8
GE 3500	39.2	39.7	48.3	51.0	57.5	58.7	61.1	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
GE 3000	42.4	42.9	51.8	54.7	62.1	63.5	66.1	68.4	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.4
GE 2500	44.8	45.2	55.5	59.0	66.9	68.7	71.3	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6
GE 2000	46.6	47.1	57.8	61.8	71.3	73.4	76.3	78.8	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.9
GE 1800	46.8	47.2	58.0	62.0	71.5	73.6	76.7	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.2
GE 1500	48.4	48.9	60.2	64.5	75.6	78.4	81.6	84.6	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 1200	48.8	49.4	60.8	65.4	77.3	80.4	83.9	87.2	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 1000	48.8	49.4	61.2	66.0	78.2	81.5	85.3	88.6	89.5	89.9	89.9	89.9	89.9	89.9	89.9	90.0
GE 900	48.8	49.4	61.4	66.1	78.7	82.1	86.1	89.5	90.5	90.8	90.9	90.9	90.9	90.9	90.9	91.0
GE 800	48.8	49.4	61.6	66.4	79.2	82.8	86.9	90.3	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.2
GE 700	49.1	49.7	62.0	66.9	80.0	83.9	88.0	91.9	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.9
GE 600	49.1	49.7	62.0	66.9	80.0	83.9	88.1	92.7	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.5
GE 500	49.1	49.7	62.0	66.9	80.1	84.1	88.7	93.3	95.5	96.5	96.7	96.7	96.7	96.7	96.7	96.8
GE 400	49.2	49.8	62.1	67.0	80.2	84.2	88.9	94.2	96.5	97.6	98.1	98.1	98.1	98.1	98.1	98.2
GE 300	49.2	49.8	62.1	67.0	80.2	84.2	88.9	94.3	96.7	97.9	98.8	98.8	98.8	98.8	98.8	98.9
GE 200	49.2	49.8	62.1	67.0	80.2	84.2	88.9	94.3	96.7	97.9	98.9	99.1	99.1	99.2	99.2	99.3
GE 100	49.2	49.8	62.1	67.0	80.2	84.2	88.9	94.3	96.7	98.0	99.2	99.3	99.4	99.5	99.5	100.0
GE 000	49.2	49.8	62.1	67.0	80.2	84.2	88.9	94.3	96.7	98.0	99.2	99.3	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.5	22.7	27.7	29.3	35.3	36.7	38.0	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.9
GE 20000	24.3	24.5	29.7	31.3	37.7	39.5	41.3	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.6
GE 18000	24.4	24.6	30.0	31.7	38.0	39.8	41.7	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	43.0
GE 16000	24.4	24.6	30.0	31.7	38.0	39.8	41.7	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	43.0
GE 14000	24.7	25.0	30.4	32.0	38.4	40.2	42.0	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	43.3
GE 12000	24.7	25.0	30.5	32.3	38.6	40.4	42.3	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.6
GE 10000	25.1	25.2	30.9	32.6	39.2	41.1	43.0	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	44.3
GE 9000	25.2	25.4	31.3	33.1	39.7	41.6	43.5	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.8
GE 8000	28.4	28.6	34.6	36.4	43.1	45.0	46.9	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	48.2
GE 7000	28.7	29.0	35.2	37.0	43.8	45.7	47.9	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	49.2
GE 6000	28.7	29.0	35.2	37.0	43.8	45.8	48.1	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	49.4
GE 5000	29.7	29.9	36.2	37.9	44.9	47.3	49.8	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	51.1
GE 4500	32.7	33.0	39.3	41.5	49.0	51.9	54.4	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.8
GE 4000	35.5	35.7	43.1	45.2	52.8	56.1	59.0	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	60.4
GE 3500	38.2	38.4	46.5	48.6	57.1	60.4	63.6	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	65.0
GE 3000	41.0	41.2	49.8	52.3	61.2	64.8	68.3	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	70.3
GE 2500	43.0	43.2	52.2	55.5	64.9	68.7	72.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	74.3
GE 2000	45.3	45.6	55.0	59.0	69.7	73.6	77.4	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.7
GE 1800	45.6	45.8	55.4	59.6	70.6	74.4	78.2	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.6
GE 1500	47.0	47.3	57.7	62.2	74.1	78.3	82.3	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.7
GE 1200	47.9	48.3	59.2	63.7	76.2	81.2	85.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	88.2
GE 1000	48.3	48.8	59.8	64.5	77.9	82.9	87.5	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	90.3
GE 900	48.4	48.9	60.0	64.7	78.2	83.3	87.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.7
GE 800	48.5	49.0	60.3	65.3	79.3	84.5	89.0	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.9
GE 700	48.8	49.2	60.8	65.7	79.7	85.0	89.8	91.9	92.2	92.6	92.7	92.7	92.7	92.7	92.7	93.3
GE 600	48.9	49.4	61.0	66.0	80.6	86.0	90.9	93.5	94.0	94.5	94.8	94.8	94.8	94.8	94.8	95.4
GE 500	48.9	49.4	61.0	66.0	80.9	86.3	92.0	94.8	95.6	96.2	96.6	96.6	96.6	96.6	96.6	97.2
GE 400	48.9	49.4	61.0	66.0	80.9	86.3	92.2	95.5	96.3	97.1	97.4	97.4	97.4	97.4	97.4	98.0
GE 300	48.9	49.4	61.0	66.0	80.9	86.3	92.3	95.6	96.5	97.3	98.0	98.0	98.0	98.0	98.0	98.6
GE 200	48.9	49.4	61.0	66.0	80.9	86.3	92.3	95.6	96.5	97.5	98.2	98.2	98.2	98.5	98.9	99.5
GE 100	48.9	49.4	61.0	66.0	80.9	86.3	92.3	95.6	96.5	97.5	98.2	98.2	98.4	98.6	99.1	100.0
GE 000	48.9	49.4	61.0	66.0	80.9	86.3	92.3	95.6	96.5	97.5	98.2	98.2	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	19.0	19.3	23.1	24.4	28.1	28.9	30.3	31.1	31.2	31.3	31.3	31.3	31.3	31.4	31.4	31.5
GE 20000	21.6	21.9	26.2	27.5	31.9	33.0	34.8	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.1	36.3
GE 18000	21.7	22.0	26.3	27.7	32.1	33.1	35.0	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.4
GE 16000	21.7	22.0	26.3	27.7	32.1	33.1	35.0	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.4
GE 14000	21.8	22.1	26.4	27.8	32.2	33.2	35.1	36.1	36.1	36.2	36.3	36.3	36.3	36.3	36.4	36.6
GE 12000	22.1	22.4	26.8	28.1	32.6	33.7	35.5	36.5	36.5	36.6	36.7	36.7	36.7	36.7	36.8	37.0
GE 10000	23.1	23.4	28.0	29.3	34.0	35.0	36.9	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.2	38.4
GE 9000	23.3	23.6	28.2	29.6	34.2	35.3	37.2	38.2	38.3	38.4	38.4	38.5	38.5	38.5	38.5	38.7
GE 8000	25.9	26.2	31.0	32.6	37.4	38.5	40.6	41.7	41.8	41.9	42.0	42.0	42.0	42.0	42.1	42.2
GE 7000	26.1	26.4	31.3	32.9	37.8	38.9	41.0	42.1	42.2	42.4	42.4	42.5	42.5	42.5	42.6	42.7
GE 6000	26.3	26.5	31.4	33.0	38.0	39.1	41.2	42.3	42.4	42.6	42.6	42.7	42.7	42.7	42.7	42.9
GE 5000	27.5	27.8	32.9	34.6	40.0	41.4	43.7	44.9	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.5
GE 4500	30.4	30.8	36.2	38.1	43.7	45.5	48.0	49.2	49.3	49.5	49.6	49.6	49.6	49.6	49.7	49.9
GE 4000	34.2	34.6	41.1	43.2	49.2	51.2	54.0	55.3	55.5	55.8	55.8	55.9	55.9	56.0	56.0	56.2
GE 3500	37.3	37.7	44.8	47.1	53.8	55.8	58.8	60.3	60.6	60.8	60.9	61.0	61.0	61.1	61.1	61.3
GE 3000	41.6	42.0	49.8	52.4	59.7	62.0	65.4	67.3	67.6	67.9	68.0	68.1	68.1	68.2	68.2	68.4
GE 2500	43.7	44.1	52.5	55.4	63.2	65.6	69.3	71.2	71.5	71.8	71.9	72.1	72.1	72.1	72.2	72.4
GE 2000	46.1	46.5	55.3	58.8	67.5	70.2	74.4	76.7	77.0	77.4	77.5	77.7	77.7	77.7	77.8	77.9
GE 1800	46.4	46.8	55.6	59.2	68.0	70.7	75.0	77.3	77.6	78.0	78.1	78.2	78.3	78.3	78.4	78.5
GE 1500	47.8	48.3	57.8	61.8	71.6	74.6	79.2	81.9	82.3	82.8	83.0	83.1	83.1	83.2	83.2	83.4
GE 1200	48.5	48.9	58.6	62.9	73.1	76.5	81.4	84.4	84.9	85.6	85.8	86.0	86.1	86.1	86.2	86.4
GE 1000	48.6	49.1	59.0	63.4	74.1	77.6	83.1	86.3	86.8	87.5	87.8	88.0	88.1	88.1	88.2	88.4
GE 900	48.7	49.2	59.1	63.6	74.5	78.2	83.9	87.2	87.7	88.5	88.8	89.0	89.0	89.1	89.2	89.4
GE 800	48.9	49.4	59.4	63.9	75.2	79.1	85.0	88.4	88.9	89.8	90.1	90.4	90.4	90.5	90.6	90.8
GE 700	49.0	49.5	59.6	64.3	75.8	79.9	85.9	89.7	90.3	91.3	91.7	92.0	92.1	92.2	92.2	92.4
GE 600	49.1	49.6	59.8	64.4	76.1	80.2	86.5	90.7	91.5	92.7	93.1	93.4	93.5	93.6	93.7	93.9
GE 500	49.1	49.6	59.8	64.5	76.3	80.6	87.2	91.7	92.8	94.3	94.8	95.0	95.2	95.3	95.3	95.5
GE 400	49.1	49.6	59.8	64.5	76.4	80.8	87.5	92.4	93.5	95.2	95.9	96.2	96.4	96.5	96.6	96.8
GE 300	49.1	49.6	59.8	64.5	76.4	80.8	87.6	92.5	93.8	95.7	96.6	96.9	97.2	97.4	97.5	97.7
GE 200	49.1	49.6	59.8	64.5	76.4	80.8	87.6	92.5	93.9	95.9	96.9	97.3	97.8	98.1	98.4	98.9
GE 100	49.1	49.6	59.8	64.5	76.4	80.8	87.6	92.5	93.9	95.9	97.0	97.4	97.9	98.3	98.8	99.8
GE 000	49.1	49.6	59.8	64.5	76.4	80.8	87.6	92.5	93.9	95.9	97.0	97.4	97.9	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.8	25.4	30.0	31.0	34.6	35.7	36.7	37.3	37.3	37.3	37.3	37.4	37.5	37.6	37.6	37.8
GE 20000	26.5	27.1	31.9	32.9	36.6	37.6	39.0	40.2	40.2	40.2	40.2	40.3	40.4	40.5	40.5	40.8
GE 18000	26.5	27.1	31.9	32.9	36.6	37.6	39.0	40.2	40.2	40.2	40.2	40.3	40.4	40.5	40.5	40.8
GE 16000	26.5	27.1	31.9	32.9	36.6	37.6	39.0	40.2	40.2	40.2	40.2	40.3	40.4	40.5	40.5	40.8
GE 14000	26.5	27.1	31.9	32.9	36.6	37.6	39.0	40.2	40.2	40.2	40.2	40.3	40.4	40.5	40.5	40.8
GE 12000	26.5	27.1	31.9	32.9	36.6	37.6	39.0	40.2	40.2	40.2	40.2	40.3	40.4	40.5	40.5	40.8
GE 10000	27.3	28.0	32.8	33.8	37.6	38.7	40.1	41.3	41.3	41.3	41.3	41.4	41.5	41.6	41.6	41.8
GE 9000	27.5	28.2	33.2	34.2	38.1	39.1	40.6	41.8	41.8	41.8	41.8	41.9	42.0	42.2	42.2	42.4
GE 8000	29.9	30.6	36.1	37.3	41.4	42.5	44.1	45.3	45.3	45.3	45.3	45.4	45.5	45.6	45.6	45.8
GE 7000	30.3	31.1	36.7	37.8	42.6	43.7	45.3	46.5	46.5	46.5	46.5	46.6	46.7	46.8	46.8	47.0
GE 6000	30.5	31.3	37.0	38.4	43.2	44.3	45.9	47.1	47.1	47.1	47.1	47.2	47.3	47.4	47.4	47.6
GE 5000	32.8	33.5	39.4	41.0	46.0	47.1	48.7	49.9	49.9	49.9	49.9	50.0	50.1	50.2	50.2	50.4
GE 4500	35.7	36.6	43.0	44.7	50.2	51.6	53.4	54.6	54.6	54.6	54.6	54.7	54.8	54.9	54.9	55.2
GE 4000	38.8	39.7	46.7	49.0	54.8	56.3	58.6	59.8	59.8	59.9	59.9	60.0	60.1	60.2	60.2	60.4
GE 3500	43.5	44.4	52.6	55.1	61.3	63.3	65.7	67.2	67.2	67.3	67.3	67.5	67.6	67.7	67.7	68.0
GE 3000	46.8	47.6	56.2	58.9	65.5	67.6	70.1	71.9	71.9	72.2	72.2	72.4	72.5	72.6	72.6	72.8
GE 2500	48.8	49.9	59.1	62.2	68.9	71.3	74.0	76.2	76.3	76.6	76.6	76.8	76.9	77.0	77.0	77.2
GE 2000	52.3	53.5	63.3	66.3	73.8	76.1	79.0	81.3	81.4	81.6	81.6	81.9	82.0	82.2	82.2	82.4
GE 1800	52.8	54.1	64.0	67.0	74.4	76.8	79.7	81.9	82.0	82.3	82.3	82.6	82.7	82.8	82.8	83.0
GE 1500	54.6	55.9	66.1	69.5	77.2	79.7	82.6	85.1	85.2	85.4	85.4	85.7	85.8	85.9	85.9	86.1
GE 1200	56.0	57.3	68.0	71.6	79.7	82.3	85.3	87.7	87.8	88.1	88.1	88.4	88.5	88.6	88.6	88.8
GE 1000	56.5	57.7	68.7	72.4	81.5	84.6	88.0	90.4	90.5	90.9	90.9	91.2	91.3	91.4	91.4	91.6
GE 900	56.5	57.7	68.9	72.7	81.8	84.9	88.8	91.3	91.4	91.7	91.7	92.0	92.2	92.3	92.3	92.5
GE 800	56.6	57.8	69.1	72.9	82.3	85.4	89.2	91.8	91.9	92.3	92.3	92.6	92.7	92.8	92.8	93.0
GE 700	56.6	57.8	69.2	73.0	82.8	86.1	90.4	93.1	93.2	93.5	93.5	93.9	94.0	94.1	94.1	94.3
GE 600	56.6	57.8	69.5	73.2	83.0	86.8	91.5	94.3	94.7	95.1	95.1	95.4	95.5	95.6	95.6	95.8
GE 500	56.7	58.0	69.8	73.8	84.2	88.3	93.0	96.1	96.7	97.0	97.0	97.3	97.4	97.5	97.5	97.7
GE 400	56.7	58.0	69.8	73.8	84.2	88.4	93.1	96.2	97.3	97.6	97.6	98.0	98.1	98.2	98.2	98.4
GE 300	56.7	58.0	69.8	73.8	84.2	88.4	93.1	96.5	97.5	98.0	98.0	98.3	98.4	98.5	98.6	98.8
GE 200	56.7	58.0	69.8	73.8	84.2	88.4	93.1	96.5	97.5	98.2	98.2	98.6	98.7	98.8	98.9	99.2
GE 100	56.7	58.0	69.8	73.8	84.2	88.4	93.1	96.5	97.5	98.2	98.2	98.6	98.7	98.9	99.0	100.0
GE 000	56.7	58.0	69.8	73.8	84.2	88.4	93.1	96.5	97.5	98.2	98.2	98.6	98.7	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 03-05

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.7	22.8	26.8	27.3	31.1	32.7	34.3	36.1	36.2	36.3	36.5	36.8	36.8	36.9	37.0	37.1
GE 20000	24.1	24.2	28.5	29.1	33.5	35.3	37.3	39.2	39.4	39.5	39.6	39.9	39.9	40.0	40.1	40.2
GE 18000	24.1	24.2	28.5	29.1	33.5	35.3	37.3	39.2	39.4	39.5	39.6	39.9	39.9	40.0	40.1	40.2
GE 16000	24.1	24.2	28.5	29.1	33.5	35.3	37.3	39.2	39.4	39.5	39.6	39.9	39.9	40.0	40.1	40.2
GE 14000	24.1	24.2	28.5	29.1	33.5	35.3	37.3	39.2	39.4	39.5	39.6	39.9	39.9	40.0	40.1	40.2
GE 12000	24.1	24.2	28.5	29.1	33.5	35.3	37.3	39.2	39.4	39.5	39.6	39.9	39.9	40.0	40.1	40.2
GE 10000	24.6	24.7	29.0	29.7	34.1	35.8	37.8	39.8	39.9	40.0	40.1	40.4	40.4	40.5	40.6	40.8
GE 9000	24.7	24.8	29.1	29.8	34.2	35.9	38.3	40.2	40.3	40.4	40.5	40.9	40.9	41.0	41.1	41.2
GE 8000	27.1	27.3	32.0	32.7	37.1	39.1	41.5	43.4	43.5	43.7	43.8	44.1	44.1	44.2	44.3	44.4
GE 7000	27.7	28.0	33.0	33.7	38.2	40.5	42.9	44.8	44.9	45.1	45.2	45.5	45.5	45.6	45.7	45.8
GE 6000	27.7	28.0	33.0	33.7	38.2	40.5	42.9	44.8	44.9	45.1	45.2	45.5	45.5	45.6	45.7	45.8
GE 5000	30.4	30.6	35.9	36.9	41.5	43.9	46.2	48.2	48.3	48.4	48.5	48.8	48.8	48.9	49.0	49.1
GE 4500	33.3	33.8	39.8	40.8	46.0	48.6	51.4	53.3	53.4	53.5	53.7	54.0	54.0	54.1	54.2	54.3
GE 4000	36.6	37.0	44.0	45.7	51.7	54.8	57.8	59.8	59.9	60.0	60.1	60.4	60.4	60.5	60.6	60.8
GE 3500	39.5	39.9	47.3	49.1	55.5	58.6	61.8	64.1	64.3	64.5	64.6	64.9	65.1	65.2	65.3	65.4
GE 3000	42.9	43.5	51.5	53.3	59.9	63.3	66.7	68.9	69.1	69.5	69.6	69.9	70.0	70.1	70.2	70.3
GE 2500	44.5	45.3	53.4	55.4	62.5	66.0	69.4	71.8	72.4	72.8	72.9	73.2	73.3	73.4	73.5	73.7
GE 2000	47.2	48.0	57.6	59.8	68.2	71.7	75.2	78.0	78.5	78.9	79.0	79.4	79.5	79.6	79.7	79.8
GE 1800	48.3	49.0	58.8	61.0	69.5	73.0	76.5	79.2	79.8	80.2	80.3	80.6	80.8	80.9	81.0	81.2
GE 1500	50.6	51.4	61.5	64.2	73.1	76.8	80.2	83.1	83.7	84.1	84.2	84.5	84.6	84.7	84.8	85.1
GE 1200	51.2	51.9	62.4	65.2	74.3	78.1	81.6	84.5	85.1	85.5	85.6	85.9	86.0	86.1	86.2	86.5
GE 1000	51.6	52.4	62.9	65.8	75.2	79.1	83.2	86.2	86.8	87.3	87.4	87.7	87.8	88.0	88.1	88.3
GE 900	52.0	52.8	63.8	66.8	76.5	80.5	84.7	87.7	88.3	88.8	88.9	89.2	89.4	89.5	89.6	89.8
GE 800	52.4	53.1	64.1	67.2	77.2	81.5	86.1	89.2	89.8	90.3	90.5	90.9	91.0	91.1	91.2	91.4
GE 700	52.4	53.1	64.2	67.3	77.7	82.0	86.9	90.1	90.6	91.2	91.4	91.7	91.8	91.9	92.0	92.3
GE 600	52.4	53.1	64.5	67.6	78.2	82.7	87.8	91.2	91.7	92.3	92.5	92.8	92.9	93.0	93.1	93.3
GE 500	52.4	53.1	64.5	68.2	78.9	83.5	89.4	93.2	94.0	94.6	94.8	95.2	95.3	95.4	95.5	95.7
GE 400	52.4	53.1	64.8	68.5	79.2	84.1	90.1	94.1	95.1	95.9	96.2	96.7	96.8	96.9	97.0	97.2
GE 300	52.4	53.1	64.8	68.5	79.2	84.1	90.1	94.1	95.1	96.2	96.6	97.0	97.1	97.2	97.3	97.5
GE 200	52.4	53.1	64.8	68.5	79.2	84.1	90.3	94.4	95.6	97.0	97.4	97.8	98.0	98.1	98.2	99.1
GE 100	52.4	53.1	64.8	68.5	79.2	84.1	90.3	94.4	95.6	97.0	97.4	97.8	98.0	98.1	98.4	100.0
GE 000	52.4	53.1	64.8	68.5	79.2	84.1	90.3	94.4	95.6	97.0	97.4	97.8	98.0	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	15.2	15.3	18.7	19.2	20.2	22.4	23.3	24.8	25.5	26.0	26.3	26.6	26.6	26.6	26.7	26.8
GE 20000	18.9	19.1	22.9	23.9	25.2	27.7	28.7	30.8	31.5	32.0	32.4	32.6	32.6	32.6	32.7	32.8
GE 18000	19.0	19.2	23.0	24.0	25.3	27.8	28.8	30.9	31.6	32.2	32.5	32.7	32.7	32.7	32.8	32.9
GE 16000	19.0	19.2	23.0	24.0	25.3	27.8	28.8	30.9	31.6	32.2	32.5	32.7	32.7	32.7	32.8	32.9
GE 14000	19.0	19.2	23.0	24.0	25.3	27.8	28.8	30.9	31.6	32.2	32.5	32.7	32.7	32.7	32.8	32.9
GE 12000	19.0	19.2	23.0	24.0	25.3	27.8	28.8	30.9	31.6	32.2	32.5	32.7	32.7	32.7	32.8	32.9
GE 10000	19.6	19.9	23.8	24.7	26.1	28.7	29.7	31.7	32.5	33.0	33.4	33.7	33.8	33.9	34.0	34.1
GE 9000	19.9	20.1	24.1	25.1	26.6	29.1	30.1	32.3	33.0	33.5	34.0	34.2	34.3	34.4	34.5	34.6
GE 8000	22.9	23.1	27.4	29.0	31.0	33.7	34.8	37.1	37.8	38.5	38.9	39.1	39.5	39.6	39.7	39.8
GE 7000	24.1	24.3	28.7	30.3	32.4	35.2	36.6	38.8	39.6	40.2	40.6	40.9	41.2	41.3	41.4	41.5
GE 6000	24.2	24.4	28.9	30.5	32.6	35.4	36.8	39.0	39.8	40.4	40.9	41.1	41.4	41.5	41.6	41.7
GE 5000	25.5	25.7	30.5	32.4	34.6	37.7	39.1	41.6	42.4	43.0	43.4	43.7	44.0	44.1	44.2	44.3
GE 4500	28.2	28.4	33.5	35.5	38.7	42.2	43.8	46.7	47.6	48.3	48.7	48.9	49.2	49.4	49.5	49.6
GE 4000	32.2	32.4	38.5	40.6	44.6	48.7	50.9	54.0	54.9	55.6	56.0	56.2	56.6	56.7	56.8	56.9
GE 3500	34.1	34.4	41.0	43.2	47.4	51.7	54.5	57.6	58.6	59.5	59.9	60.1	60.4	60.5	60.6	60.8
GE 3000	37.6	38.1	45.5	47.7	52.7	57.3	60.1	63.5	64.5	65.4	65.9	66.1	66.5	66.6	66.7	67.0
GE 2500	39.8	40.2	48.5	50.8	56.2	60.9	63.9	67.4	68.4	69.2	69.8	70.0	70.3	70.4	70.5	70.9
GE 2000	43.0	43.4	53.4	56.2	62.5	67.5	70.9	74.6	75.7	76.7	77.2	77.4	77.7	77.8	78.0	78.3
GE 1800	43.8	44.2	54.3	57.1	63.3	68.4	71.7	75.6	76.7	77.6	78.2	78.4	78.7	78.8	78.9	79.2
GE 1500	45.1	45.5	56.0	59.0	65.8	71.2	74.7	78.8	79.9	80.9	81.4	81.6	81.9	82.0	82.2	82.5
GE 1200	45.6	46.0	57.2	60.6	67.6	73.1	76.9	81.2	82.3	83.3	83.9	84.1	84.4	84.5	84.6	84.9
GE 1000	45.9	46.3	57.8	61.3	68.8	74.4	78.2	82.5	83.5	84.7	85.3	85.5	85.8	85.9	86.0	86.3
GE 900	46.5	47.0	58.6	62.4	70.1	75.8	79.6	84.0	85.1	86.2	86.8	87.0	87.3	87.4	87.5	87.8
GE 800	46.5	47.0	58.8	62.6	0.4	76.1	80.1	84.5	85.7	87.0	87.7	88.0	88.3	88.4	88.5	88.8
GE 700	46.8	47.3	59.1	62.9	70.8	76.7	81.0	85.4	86.6	88.1	88.8	89.0	89.4	89.5	89.6	89.9
GE 600	46.8	47.3	59.1	62.9	71.1	77.1	81.6	86.1	87.3	88.8	89.7	89.9	90.2	90.3	90.4	90.8
GE 500	46.8	47.3	59.1	63.3	71.6	77.8	82.7	87.5	89.0	90.9	91.9	92.3	92.8	92.9	93.1	93.4
GE 400	46.9	47.4	59.4	63.5	71.8	78.1	82.9	88.1	89.8	91.7	93.1	93.7	94.2	94.3	94.5	94.8
GE 300	46.9	47.4	59.4	63.5	71.8	78.1	83.1	88.5	90.6	92.8	94.4	95.1	95.6	95.9	96.1	96.9
GE 200	46.9	47.4	59.4	63.5	71.8	78.1	83.1	88.5	90.6	92.9	94.8	95.7	96.2	96.9	97.3	98.8
GE 100	46.9	47.4	59.4	63.5	71.8	78.1	83.1	88.5	90.6	92.9	94.8	95.7	96.2	96.9	97.7	100.0
GE 000	46.9	47.4	59.4	63.5	71.8	78.1	83.1	88.5	90.6	92.9	94.8	95.7	96.2	96.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 09-11

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	14.9	15.4	17.8	18.7	20.5	21.6	22.4	23.0	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 20000	18.5	19.0	21.7	22.9	25.4	26.5	27.3	28.0	28.2	28.3	28.4	28.5	28.5	28.5	28.5	28.5
GE 18000	18.6	19.1	21.8	23.0	25.5	26.6	27.4	28.1	28.3	28.4	28.5	28.6	28.6	28.6	28.6	28.6
GE 16000	18.6	19.1	21.8	23.0	25.5	26.6	27.4	28.1	28.3	28.4	28.5	28.6	28.6	28.6	28.6	28.6
GE 14000	18.6	19.1	21.9	23.1	25.6	26.7	27.5	28.2	28.4	28.5	28.6	28.7	28.7	28.7	28.7	28.7
GE 12000	18.8	19.4	22.2	23.4	25.9	27.0	27.8	28.5	28.7	28.8	28.9	29.0	29.0	29.0	29.0	29.0
GE 10000	20.1	20.6	23.8	25.1	28.0	29.0	29.9	30.6	30.9	31.0	31.1	31.2	31.2	31.2	31.2	31.2
GE 9000	20.6	21.3	24.4	25.7	28.7	29.8	30.6	31.4	31.6	31.7	31.8	31.9	31.9	31.9	31.9	31.9
GE 8000	23.5	24.2	27.7	29.2	32.9	34.1	35.1	35.9	36.2	36.5	36.6	36.7	36.7	36.7	36.7	36.7
GE 7000	24.2	24.8	28.4	29.9	33.5	34.7	35.7	36.6	36.9	37.1	37.2	37.3	37.3	37.3	37.3	37.3
GE 6000	24.4	25.1	28.7	30.2	33.9	35.1	36.0	36.9	37.2	37.4	37.5	37.6	37.6	37.6	37.6	37.6
GE 5000	25.9	26.6	30.2	31.8	35.7	36.9	38.1	38.9	39.4	39.6	39.7	39.8	39.8	39.8	39.8	39.8
GE 4500	26.7	27.5	31.6	33.5	38.4	39.7	41.0	42.2	42.8	43.0	43.1	43.2	43.2	43.2	43.2	43.2
GE 4000	31.0	31.8	37.0	39.1	44.7	46.5	48.3	49.6	50.2	50.4	50.5	50.6	50.6	50.6	50.6	50.6
GE 3500	34.1	35.5	41.3	43.5	49.4	51.3	53.1	54.5	55.2	55.5	55.6	55.7	55.7	55.7	55.7	55.7
GE 3000	39.1	40.8	47.1	49.6	55.8	57.7	59.7	61.3	61.9	62.5	62.6	62.9	62.9	62.9	62.9	62.9
GE 2500	41.2	42.8	49.9	52.5	58.7	60.6	62.6	64.2	64.8	65.4	65.5	65.8	65.8	65.8	65.8	65.8
GE 2000	45.5	47.1	55.6	58.4	65.4	67.5	69.8	71.5	72.2	72.8	72.9	73.2	73.2	73.2	73.2	73.2
GE 1800	46.0	47.6	56.2	59.0	66.0	68.2	70.4	72.2	72.8	73.4	73.5	73.9	73.9	73.9	73.9	73.9
GE 1500	49.8	51.5	60.4	63.5	70.8	73.5	75.9	77.8	78.5	79.2	79.4	79.7	79.7	79.7	79.7	79.7
GE 1200	51.5	53.5	62.7	66.1	74.0	77.4	80.2	82.3	82.9	83.7	83.8	84.1	84.1	84.1	84.1	84.1
GE 1000	51.9	54.0	63.3	66.8	75.5	79.1	82.2	84.2	84.8	85.9	86.0	86.3	86.3	86.3	86.3	86.3
GE 900	52.5	54.5	64.3	68.3	77.3	81.1	84.1	86.2	86.9	88.0	88.1	88.4	88.4	88.4	88.4	88.4
GE 800	52.7	54.7	64.6	68.6	77.7	81.5	84.6	86.9	87.5	88.7	88.8	89.1	89.1	89.1	89.1	89.1
GE 700	52.8	54.8	65.2	69.2	78.8	82.8	86.2	88.8	89.6	90.9	91.0	91.3	91.3	91.3	91.3	91.3
GE 600	53.3	55.4	65.9	70.2	80.0	84.0	87.8	90.8	91.6	93.1	93.4	93.8	93.8	93.8	93.8	93.8
GE 500	53.3	55.4	65.9	70.3	80.4	84.4	88.6	92.4	93.8	95.8	96.1	96.5	96.6	96.6	96.6	96.6
GE 400	53.3	55.4	65.9	70.3	80.4	84.4	88.6	92.4	93.9	96.0	96.6	97.0	97.1	97.1	97.2	97.2
GE 300	53.3	55.4	65.9	70.3	80.4	84.4	88.6	92.6	94.2	96.5	97.2	97.6	98.1	98.3	98.4	98.5
GE 200	53.3	55.4	65.9	70.3	80.4	84.4	88.6	92.6	94.2	96.5	97.3	97.7	98.3	98.6	98.9	99.4
GE 100	53.3	55.4	65.9	70.3	80.4	84.4	88.6	92.6	94.2	96.5	97.3	97.8	98.5	98.8	99.2	100.0
GE 000	53.3	55.4	65.9	70.3	80.4	84.4	88.6	92.6	94.2	96.5	97.3	97.8	98.5	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	12.2	12.3	14.8	15.3	16.8	16.9	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 20000	16.2	16.5	19.9	20.5	22.0	22.2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 18000	16.5	16.7	20.1	20.8	22.3	22.4	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 16000	16.5	16.7	20.1	20.8	22.3	22.4	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 14000	16.6	16.8	20.2	20.9	22.4	22.5	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 12000	16.7	16.9	20.3	21.0	22.5	22.6	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 10000	17.3	17.5	21.0	21.7	23.2	23.3	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 9000	17.4	17.6	21.2	21.9	23.5	23.7	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 8000	20.1	20.3	23.9	24.8	26.6	26.7	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 7000	21.0	21.2	24.9	25.9	27.6	27.7	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 6000	21.2	21.4	25.2	26.2	28.0	28.1	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 5000	22.3	22.5	26.3	27.4	29.4	29.6	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 4500	23.5	23.8	28.0	29.1	31.4	31.6	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 4000	30.1	30.5	35.6	37.2	40.0	40.2	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 3500	35.6	36.3	42.4	44.1	46.9	47.1	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 3000	46.3	47.2	53.9	55.9	59.5	59.8	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 2500	50.8	51.7	59.5	61.5	65.3	65.6	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 2000	57.3	58.4	67.4	69.8	74.9	75.8	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1800	57.7	58.8	67.8	70.2	75.4	76.3	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1500	62.2	63.2	73.5	76.5	82.8	84.1	86.1	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	64.5	65.7	76.9	79.9	86.8	88.1	90.5	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1000	64.6	65.8	77.3	80.4	87.6	88.9	91.6	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	65.3	66.6	78.2	81.3	89.0	90.3	93.3	94.4	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	65.4	66.7	78.3	81.4	89.5	90.8	93.8	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	65.5	66.9	78.5	81.6	89.8	91.4	94.6	96.2	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	65.9	67.3	79.0	82.5	90.9	92.5	95.8	97.5	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	65.9	67.3	79.0	82.5	91.1	92.7	96.0	97.8	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	65.9	67.3	79.0	82.5	91.1	92.7	96.0	97.8	98.4	99.2	99.5	99.6	99.6	99.6	99.6	99.6
GE 300	65.9	67.3	79.0	82.5	91.1	92.7	96.0	97.8	98.4	99.2	99.6	99.7	99.7	99.8	99.8	99.8
GE 200	65.9	67.3	79.0	82.5	91.1	92.7	96.0	97.8	98.4	99.2	99.6	99.7	99.9	100.0	100.0	100.0
GE 100	65.9	67.3	79.0	82.5	91.1	92.7	96.0	97.8	98.4	99.2	99.6	99.7	99.9	100.0	100.0	100.0
GE 000	65.9	67.3	79.0	82.5	91.1	92.7	96.0	97.8	98.4	99.2	99.6	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	14.6	14.7	16.3	16.5	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 20000	20.3	20.4	23.0	23.3	24.8	24.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 18000	20.8	21.0	23.5	23.9	25.4	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 16000	21.1	21.3	23.9	24.2	25.7	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 14000	21.1	21.3	23.9	24.2	25.7	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 12000	21.3	21.5	24.1	24.4	25.9	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 10000	23.4	23.7	26.6	26.9	28.5	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 9000	23.4	23.7	26.6	26.9	28.5	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 8000	25.6	25.8	29.6	30.0	32.5	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 7000	26.7	26.9	31.0	31.4	34.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 6000	27.2	27.4	31.6	32.2	34.9	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 5000	29.5	29.7	34.1	34.7	38.0	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 4500	34.6	35.1	40.0	40.8	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 4000	41.1	41.6	47.3	48.2	51.9	51.9	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 3500	48.0	48.6	54.7	55.6	59.6	59.7	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3000	55.1	55.9	63.1	64.0	68.2	68.6	69.2	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 2500	60.1	61.1	68.9	70.0	75.2	76.1	76.8	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	64.1	65.1	74.4	76.0	81.4	82.8	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	64.8	65.8	75.2	76.9	82.3	83.7	84.6	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1500	67.2	68.4	79.2	81.4	87.7	89.4	90.5	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	68.4	69.6	81.2	83.4	90.2	92.0	93.2	94.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	68.6	69.8	82.2	84.4	91.4	93.2	94.5	95.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	68.7	70.0	82.6	84.8	92.0	94.0	95.3	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	69.0	70.3	82.9	85.2	92.4	94.3	95.6	97.5	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	69.0	70.3	82.9	85.2	92.4	94.4	95.7	97.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	69.1	70.5	83.3	85.6	92.9	95.2	96.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	69.1	70.5	83.3	85.6	92.9	95.2	96.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	69.1	70.5	83.3	85.6	92.9	95.2	96.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	69.1	70.5	83.3	85.6	92.9	95.2	96.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	69.1	70.5	83.3	85.6	92.9	95.2	96.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	69.1	70.5	83.3	85.6	92.9	95.2	96.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	69.1	70.5	83.3	85.6	92.9	95.2	96.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.7	21.8	24.5	25.5	27.2	28.0	28.2	28.7	28.7	28.7	28.7	28.7	28.8	28.8	28.8	28.8
GE 20000	26.3	26.6	29.5	30.5	32.9	33.8	34.1	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7
GE 18000	26.6	26.8	29.7	30.8	33.1	34.0	34.3	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9
GE 16000	27.0	27.2	30.1	31.2	33.5	34.4	34.7	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4
GE 14000	27.0	27.2	30.1	31.2	33.5	34.4	34.7	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4
GE 12000	27.4	27.6	30.5	31.6	34.0	34.8	35.2	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.3	35.8
GE 10000	28.7	28.9	32.2	33.2	35.6	36.5	36.8	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4
GE 9000	29.1	29.4	32.6	33.7	36.0	36.9	37.2	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8
GE 8000	32.8	33.0	36.6	37.8	41.0	41.8	42.2	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8
GE 7000	33.8	34.0	37.5	38.9	42.4	43.2	43.7	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3
GE 6000	34.1	34.3	37.8	39.2	42.7	43.5	44.0	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6
GE 5000	36.3	36.6	40.3	41.8	45.4	46.2	46.7	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
GE 4500	42.3	42.5	46.8	48.4	52.3	53.3	54.1	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7
GE 4000	47.4	47.8	52.6	54.3	58.4	59.5	60.4	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
GE 3500	53.7	54.2	59.7	61.4	66.1	67.3	68.3	69.4	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
GE 3000	58.5	59.0	65.3	67.2	72.6	74.2	75.4	77.1	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6
GE 2500	61.5	62.2	69.1	71.6	77.3	79.0	80.3	82.0	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 2000	63.4	64.1	71.6	75.4	82.3	84.1	85.4	87.2	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 1800	63.5	64.2	71.8	75.7	82.7	84.6	85.9	87.7	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3
GE 1500	65.1	65.8	74.3	78.6	86.2	88.2	89.5	91.6	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 1200	65.6	66.5	75.5	79.8	88.1	90.1	91.5	94.2	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 1000	65.8	66.7	75.9	80.3	89.0	91.1	92.5	95.6	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 900	65.8	66.7	76.0	80.8	89.7	91.7	93.1	96.3	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2
GE 800	65.9	66.8	76.2	81.1	90.0	92.0	93.7	97.0	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	65.9	66.8	76.7	81.5	90.5	92.6	94.2	97.5	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	65.9	66.8	76.7	81.5	90.6	93.0	94.9	98.3	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	65.9	66.8	76.7	81.5	90.6	93.0	94.9	98.3	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	65.9	66.8	76.7	81.5	90.6	93.0	94.9	98.3	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	65.9	66.8	76.7	81.5	90.6	93.0	94.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	65.9	66.8	76.7	81.5	90.6	93.0	94.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	65.9	66.8	76.7	81.5	90.6	93.0	94.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	65.9	66.8	76.7	81.5	90.6	93.0	94.9	98.3	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	28.4	28.6	32.5	33.3	35.8	36.7	37.4	38.0	38.2	38.4	38.5	38.5	38.5	38.5	38.5	38.5
GE 20000	29.9	30.1	34.5	35.5	38.1	38.9	39.7	40.6	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2
GE 18000	29.9	30.1	34.5	35.5	38.1	38.9	39.7	40.6	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2
GE 16000	29.9	30.1	34.5	35.5	38.1	38.9	39.7	40.6	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2
GE 14000	29.9	30.1	34.5	35.5	38.1	38.9	39.7	40.6	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2
GE 12000	29.9	30.1	34.5	35.5	38.1	38.9	39.8	40.8	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3
GE 10000	30.5	30.8	35.2	36.2	38.9	39.8	40.9	41.8	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.4
GE 9000	30.5	30.8	35.2	36.2	38.9	39.8	40.9	41.8	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.4
GE 8000	34.1	34.3	38.9	40.2	43.5	44.5	45.6	46.6	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1
GE 7000	34.6	34.8	39.5	40.8	44.6	45.6	46.7	47.6	47.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2
GE 6000	34.8	35.1	39.7	41.0	44.8	45.8	46.9	47.8	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4
GE 5000	37.3	37.5	42.5	44.0	47.8	48.8	49.9	50.9	51.1	51.3	51.4	51.5	51.5	51.5	51.5	51.5
GE 4500	41.2	41.4	46.3	48.0	52.2	53.2	54.8	55.8	56.0	56.2	56.3	56.5	56.5	56.5	56.5	56.5
GE 4000	46.1	46.3	52.7	54.7	59.4	60.8	62.7	63.8	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4
GE 3500	51.5	51.7	58.8	61.0	66.1	67.5	69.6	70.6	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.5
GE 3000	55.4	55.7	63.4	65.9	71.6	73.3	75.5	76.9	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7
GE 2500	58.3	58.7	67.3	70.2	76.8	78.6	80.9	82.6	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4
GE 2000	58.8	59.4	68.6	71.8	79.2	81.2	83.7	85.4	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2
GE 1800	59.5	60.0	69.2	72.5	79.9	81.8	84.3	86.0	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9
GE 1500	61.0	61.5	71.3	74.6	82.7	84.6	87.3	89.1	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0
GE 1200	61.5	62.0	72.0	75.6	84.1	86.1	88.9	91.0	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8
GE 1000	62.3	62.8	72.9	76.6	85.7	87.8	90.6	92.8	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7
GE 900	62.4	62.9	73.1	76.9	86.6	88.7	91.5	93.7	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5
GE 800	62.8	63.3	73.7	77.4	87.5	90.0	92.9	95.1	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9
GE 700	62.8	63.3	74.2	78.0	88.1	90.5	93.5	95.7	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7
GE 600	62.8	63.3	74.2	78.0	88.3	90.9	93.9	96.3	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5
GE 500	62.8	63.3	74.4	78.3	88.9	91.5	94.6	97.2	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6
GE 400	62.8	63.3	74.4	78.3	88.9	91.6	94.7	97.5	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2
GE 300	62.8	63.3	74.4	78.3	88.9	91.6	94.7	97.5	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2
GE 200	62.8	63.3	74.4	78.3	88.9	91.6	94.7	97.5	98.5	99.2	99.5	99.6	99.6	99.6	99.7	99.7
GE 100	62.8	63.3	74.4	78.3	88.9	91.6	94.7	97.5	98.5	99.2	99.5	99.6	99.6	99.6	99.7	100.0
GE 000	62.8	63.3	74.4	78.3	88.9	91.6	94.7	97.5	98.5	99.2	99.5	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAI MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	19.3	19.5	22.7	23.3	25.5	26.4	27.2	27.9	28.0	28.1	28.2	28.3	28.3	28.3	28.3	28.4
GE 20000	22.6	22.9	26.5	27.3	29.8	30.8	31.8	32.7	32.9	33.0	33.1	33.2	33.2	33.2	33.2	33.3
GE 18000	22.7	23.0	26.6	27.5	30.0	31.0	31.9	32.8	33.0	33.1	33.2	33.3	33.3	33.4	33.4	33.4
GE 16000	22.8	23.1	26.7	27.6	30.1	31.1	32.0	32.9	33.1	33.2	33.3	33.4	33.4	33.5	33.5	33.5
GE 14000	22.8	23.1	26.8	27.6	30.1	31.1	32.1	33.0	33.1	33.3	33.3	33.4	33.5	33.5	33.5	33.6
GE 12000	23.0	23.3	26.9	27.7	30.2	31.3	32.2	33.1	33.3	33.4	33.5	33.6	33.6	33.6	33.7	33.7
GE 10000	24.0	24.2	28.0	28.9	31.5	32.5	33.5	34.4	34.6	34.7	34.8	34.9	35.0	35.0	35.0	35.1
GE 9000	24.2	24.5	28.3	29.2	31.8	32.8	33.9	34.8	35.0	35.1	35.2	35.3	35.3	35.4	35.4	35.5
GE 8000	27.0	27.2	31.5	32.6	35.7	36.9	37.9	38.9	39.1	39.2	39.3	39.4	39.5	39.5	39.6	39.6
GE 7000	27.8	28.1	32.5	33.6	36.9	38.1	39.2	40.2	40.4	40.5	40.6	40.7	40.8	40.8	40.8	40.9
GE 6000	28.0	28.4	32.7	33.9	37.3	38.5	39.6	40.6	40.7	40.9	41.0	41.1	41.1	41.2	41.2	41.3
GE 5000	30.0	30.3	34.9	36.3	39.8	41.0	42.2	43.2	43.4	43.5	43.6	43.7	43.8	43.8	43.8	43.9
GE 4500	33.2	33.6	38.6	40.1	44.2	45.5	46.9	48.1	48.3	48.4	48.5	48.6	48.7	48.8	48.8	48.8
GE 4000	37.9	38.4	44.3	46.1	50.7	52.3	54.1	55.2	55.5	55.7	55.8	55.9	55.9	56.0	56.0	56.0
GE 3500	42.5	43.1	49.7	51.6	56.5	58.3	60.2	61.6	61.9	62.1	62.2	62.3	62.4	62.5	62.5	62.5
GE 3000	47.7	48.5	55.8	57.8	63.2	65.2	67.2	68.9	69.2	69.5	69.6	69.8	69.9	69.9	69.9	70.0
GE 2500	50.6	51.5	59.5	61.8	67.6	69.8	71.8	73.6	74.0	74.3	74.4	74.6	74.7	74.7	74.7	74.8
GE 2000	54.0	54.9	64.0	66.7	73.5	75.8	78.1	80.0	80.4	80.7	80.8	81.0	81.1	81.1	81.2	81.2
GE 1800	54.6	55.5	64.7	67.4	74.2	76.6	78.9	80.7	81.2	81.5	81.6	81.8	81.9	81.9	81.9	82.0
GE 1500	56.9	57.9	67.8	70.9	78.3	80.9	83.4	85.4	85.8	86.2	86.3	86.5	86.5	86.6	86.6	86.7
GE 1200	58.0	59.1	69.5	72.8	80.6	83.4	86.0	88.3	88.8	89.2	89.3	89.4	89.5	89.6	89.6	89.7
GE 1000	58.4	59.4	70.1	73.5	81.8	84.8	87.6	90.0	90.5	91.0	91.1	91.3	91.3	91.4	91.4	91.5
GE 900	58.7	59.8	70.7	74.2	82.9	85.9	88.8	91.3	91.8	92.4	92.5	92.7	92.8	92.8	92.8	92.9
GE 800	58.9	60.0	71.0	74.5	83.4	86.5	89.5	92.1	92.7	93.3	93.5	93.6	93.7	93.8	93.8	93.9
GE 700	59.0	60.1	71.3	74.8	83.9	87.1	90.3	93.1	93.7	94.3	94.5	94.7	94.8	94.8	94.8	94.9
GE 600	59.1	60.2	71.5	75.2	84.4	87.8	91.3	94.1	94.8	95.5	95.8	95.9	96.0	96.0	96.1	96.2
GE 500	59.1	60.2	71.6	75.4	84.8	88.3	92.0	95.1	96.0	96.9	97.1	97.3	97.4	97.5	97.5	97.6
GE 400	59.1	60.2	71.7	75.5	84.9	88.4	92.1	95.4	96.4	97.4	97.7	98.0	98.1	98.1	98.2	98.3
GE 300	59.1	60.2	71.7	75.5	84.9	88.4	92.2	95.5	96.6	97.7	98.1	98.3	98.5	98.6	98.7	98.8
GE 200	59.1	60.2	71.7	75.5	84.9	88.4	92.2	95.5	96.6	97.8	98.3	98.6	98.8	99.0	99.1	99.5
GE 100	59.1	60.2	71.7	75.5	84.9	88.4	92.2	95.5	96.6	97.8	98.3	98.6	98.9	99.0	99.3	100.0
GE 000	59.1	60.2	71.7	75.5	84.9	88.4	92.2	95.5	96.6	97.8	98.3	98.6	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.7	31.3	35.8	36.6	39.3	40.7	41.9	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.9
GE 20000	34.3	35.0	39.6	40.4	44.0	45.3	46.8	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.6
GE 18000	34.3	35.0	39.6	40.4	44.0	45.3	46.8	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.6
GE 16000	34.3	35.0	39.6	40.4	44.0	45.3	46.8	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.6
GE 14000	34.3	35.0	39.6	40.4	44.0	45.3	46.8	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.6
GE 12000	34.3	35.0	39.6	40.4	44.0	45.3	46.8	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.6
GE 10000	34.9	35.6	40.1	41.0	44.7	46.0	47.6	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
GE 9000	35.9	36.6	41.2	42.2	45.9	47.2	48.8	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.6
GE 8000	38.3	39.0	44.2	45.3	49.6	50.9	52.4	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2
GE 7000	39.6	40.2	45.4	46.6	50.8	52.1	53.8	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.6
GE 6000	39.9	40.6	45.8	46.9	51.1	52.4	54.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
GE 5000	42.6	43.2	48.7	49.8	54.6	56.2	57.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7
GE 4500	45.9	46.6	52.7	54.6	60.9	62.7	64.3	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1
GE 4000	48.9	49.7	56.2	58.1	65.1	67.0	69.0	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
GE 3500	52.0	52.8	59.9	61.9	69.8	71.8	74.1	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9
GE 3000	54.3	55.1	62.9	64.9	73.3	75.4	78.0	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9
GE 2500	55.7	56.4	64.2	66.6	75.4	77.6	80.3	81.6	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.4
GE 2000	58.3	59.1	67.2	69.9	79.2	81.6	84.3	85.7	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.6
GE 1800	58.8	59.6	67.7	70.3	79.7	82.2	85.0	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.3
GE 1500	60.9	61.7	70.6	73.3	83.4	86.0	88.8	90.2	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.1
GE 1200	62.3	63.1	72.3	75.3	86.2	89.0	91.8	93.2	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.1
GE 1000	62.4	63.2	72.7	76.0	87.0	89.8	92.6	94.0	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.9
GE 900	62.4	63.2	72.7	76.0	87.4	90.2	93.0	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.6
GE 800	62.8	63.6	73.4	76.8	88.6	91.3	94.2	95.9	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.8
GE 700	62.9	63.7	73.8	77.2	89.0	91.8	94.7	96.3	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.2
GE 600	62.9	63.7	73.9	77.3	89.1	91.9	95.0	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.7
GE 500	63.0	63.8	74.0	77.4	89.2	92.1	95.4	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.6
GE 400	63.0	63.8	74.0	77.4	89.6	92.4	96.1	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4
GE 300	63.0	63.8	74.0	77.4	89.6	92.4	96.1	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4
GE 200	63.0	63.8	74.0	77.4	89.6	92.4	96.1	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.8
GE 100	63.0	63.8	74.0	77.4	89.6	92.4	96.1	98.6	99.1	99.1	99.2	99.2	99.2	99.3	99.4	100.0
GE 000	63.0	63.8	74.0	77.4	89.6	92.4	96.1	98.6	99.1	99.1	99.2	99.2	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.4	21.6	26.9	29.0	32.7	33.6	35.3	36.1	36.8	37.4	37.4	37.6	37.7	37.8	37.8	38.0
GE 20000	24.2	24.3	30.3	32.4	36.3	37.2	39.3	40.4	41.4	42.2	42.2	42.3	42.6	42.8	42.8	43.0
GE 18000	24.2	24.3	30.3	32.6	36.4	37.3	39.4	40.6	41.6	42.4	42.4	42.6	42.8	43.0	43.0	43.2
GE 16000	24.2	24.3	30.3	32.6	36.4	37.3	39.4	40.6	41.6	42.4	42.4	42.6	42.8	43.0	43.0	43.2
GE 14000	24.2	24.3	30.3	32.6	36.4	37.3	39.4	40.6	41.6	42.4	42.4	42.6	42.8	43.0	43.0	43.2
GE 12000	24.3	24.4	30.4	32.7	36.6	37.4	39.8	40.9	41.9	42.8	42.8	42.9	43.1	43.3	43.3	43.6
GE 10000	25.1	25.2	31.3	3.6	37.6	38.4	40.8	41.9	42.9	43.8	43.8	43.9	44.1	44.3	44.3	44.6
GE 9000	25.7	25.8	32.0	34.2	38.2	39.1	41.4	42.6	43.6	44.4	44.4	44.6	44.8	45.0	45.0	45.2
GE 8000	28.0	28.1	35.1	37.6	42.4	43.3	45.7	46.8	47.8	48.7	48.7	48.8	49.0	49.2	49.2	49.4
GE 7000	28.3	28.4	35.6	38.0	43.1	44.0	46.3	47.4	48.4	49.3	49.3	49.4	49.7	49.9	49.9	50.1
GE 6000	28.8	28.9	36.0	38.4	43.6	44.4	46.8	47.9	48.9	49.8	49.8	49.9	50.1	50.3	50.3	50.6
GE 5000	31.2	31.3	38.7	41.2	46.7	47.6	50.2	51.4	52.6	53.6	53.6	53.7	53.9	54.1	54.1	54.3
GE 4500	33.3	33.4	41.3	44.2	51.0	52.2	55.0	56.2	57.3	58.3	58.3	58.4	58.7	58.9	58.9	59.1
GE 4000	38.1	38.2	47.1	50.3	57.6	59.1	62.1	63.3	64.7	65.7	65.7	66.0	66.2	66.4	66.4	66.7
GE 3500	40.7	40.8	50.2	53.6	61.6	63.1	66.7	67.9	69.2	70.2	70.2	70.6	70.8	71.0	71.0	71.2
GE 3000	43.2	43.4	53.4	57.2	65.6	67.3	71.2	72.7	74.0	75.1	75.1	75.4	75.7	76.0	76.0	76.3
GE 2500	45.7	45.9	56.1	59.9	68.6	70.3	74.3	75.8	77.1	78.2	78.2	78.6	78.9	79.2	79.2	79.6
GE 2000	48.0	48.3	59.0	62.9	71.6	73.6	77.7	79.4	80.9	82.0	82.0	82.3	82.7	83.0	83.0	83.3
GE 1800	48.7	48.4	59.1	63.2	72.0	74.0	78.1	79.9	81.3	82.4	82.4	82.8	83.1	83.4	83.4	83.8
GE 1500	50.6	50.9	62.0	66.7	76.4	78.7	82.8	84.6	86.0	87.1	87.1	87.4	87.8	88.1	88.1	88.4
GE 1200	51.3	51.7	62.8	67.6	78.0	80.7	84.9	86.9	88.3	89.4	89.4	89.8	90.1	90.4	90.4	90.8
GE 1000	51.8	52.1	63.7	68.4	79.3	82.0	86.3	88.3	89.8	90.9	90.9	91.2	91.6	91.9	91.9	92.2
GE 900	51.9	52.2	63.8	68.6	80.0	82.7	87.0	89.0	90.4	91.6	91.6	91.9	92.2	92.6	92.6	92.9
GE 800	52.4	52.8	64.7	69.4	81.1	83.8	88.2	90.6	92.0	93.1	93.1	93.4	93.8	94.1	94.1	94.4
GE 700	52.6	52.9	64.8	69.6	81.2	83.9	88.4	90.8	92.2	93.3	93.3	93.7	94.0	94.3	94.3	94.7
GE 600	52.7	53.0	64.9	69.7	81.3	84.0	89.0	91.7	93.1	94.2	94.4	94.9	95.2	95.6	95.6	95.9
GE 500	52.7	53.0	64.9	69.7	81.4	84.2	89.6	92.8	94.2	95.3	95.6	96.0	96.3	96.8	96.8	97.1
GE 400	52.7	53.0	64.9	69.8	82.0	84.8	90.2	93.8	95.2	96.3	96.6	97.0	97.3	97.8	97.8	98.1
GE 300	52.7	53.0	64.9	69.8	82.0	84.8	90.2	94.4	95.1	97.1	97.3	97.8	98.1	98.6	98.6	98.9
GE 200	52.7	53.0	64.9	69.8	82.0	84.9	90.3	94.6	95.1	97.4	97.8	98.2	98.6	99.2	99.2	99.9
GE 100	52.7	53.0	64.9	69.8	82.0	84.9	90.3	94.6	96.1	97.4	97.8	98.2	98.6	99.2	99.3	100.0
GE 000	52.7	53.0	64.9	69.8	82.0	84.9	90.3	94.6	96.1	97.4	97.8	98.2	98.6	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.3	17.4	21.4	23.8	26.0	26.9	28.9	30.4	31.0	31.4	32.1	32.1	32.1	32.2	32.2	32.4
GE 20000	20.8	21.0	26.3	28.9	32.2	33.3	35.4	37.2	38.1	38.6	39.3	39.3	39.3	39.6	39.6	40.0
GE 18000	21.0	21.2	26.7	29.2	32.6	33.7	35.8	37.6	38.4	38.9	39.7	39.7	39.7	39.9	39.9	40.3
GE 16000	21.0	21.2	26.7	29.2	32.6	33.7	35.8	37.6	38.4	38.9	39.7	39.7	39.7	39.9	39.9	40.3
GE 14000	21.0	21.2	26.7	29.2	32.6	33.7	35.8	37.6	38.4	38.9	39.7	39.7	39.7	39.9	39.9	40.3
GE 12000	21.0	21.2	26.7	29.2	32.6	33.7	35.8	37.6	38.4	38.9	39.7	39.7	39.7	39.9	39.9	40.3
GE 10000	22.1	22.3	28.7	31.4	34.8	35.9	38.0	39.8	40.7	41.1	41.9	41.9	41.9	42.1	42.1	42.6
GE 9000	22.7	22.9	29.2	32.0	35.4	36.6	38.7	40.6	41.4	41.9	42.7	42.7	42.7	42.9	42.9	43.3
GE 8000	24.1	24.3	31.8	34.9	38.9	40.0	42.4	44.4	45.3	45.9	46.7	46.7	46.7	46.9	46.9	47.3
GE 7000	25.1	25.3	33.0	36.1	40.2	41.4	43.9	45.9	46.8	47.3	48.1	48.1	48.1	48.3	48.3	48.8
GE 6000	25.1	25.3	33.1	36.2	40.3	41.6	44.2	46.2	47.1	47.7	48.4	48.4	48.4	48.7	48.7	49.1
GE 5000	27.6	27.8	36.2	39.3	44.0	45.3	48.1	50.9	51.8	52.4	53.2	53.3	53.3	53.6	53.6	54.0
GE 4500	29.9	30.1	39.7	43.4	49.2	50.9	53.8	56.6	57.4	58.2	59.1	59.2	59.2	59.4	59.4	59.9
GE 4000	33.0	33.2	44.0	48.2	54.7	56.6	59.6	62.6	63.4	64.3	65.4	65.6	65.7	65.9	65.9	66.3
GE 3500	37.4	37.8	49.6	53.9	60.6	62.9	65.9	69.0	69.9	70.9	72.2	72.3	72.4	72.7	72.7	73.1
GE 3000	39.9	40.3	52.3	57.2	64.2	66.7	69.9	73.2	74.2	75.4	76.8	76.9	77.0	77.3	77.3	77.8
GE 2500	41.2	41.7	53.9	58.9	66.1	68.6	71.8	75.2	76.2	77.4	78.8	78.9	79.0	79.3	79.3	79.8
GE 2000	43.6	44.0	56.8	62.0	69.3	71.8	75.0	78.6	79.7	81.0	82.3	82.4	82.7	83.0	83.0	83.4
GE 1800	43.6	44.0	56.8	62.1	69.6	72.0	75.2	78.8	79.9	81.2	82.6	82.7	82.9	83.2	83.2	83.7
GE 1500	45.2	45.7	59.3	64.9	73.1	75.6	78.9	82.4	83.6	84.9	86.2	86.4	86.7	87.0	87.0	87.4
GE 1200	45.8	46.2	60.0	65.8	74.4	77.1	80.6	84.3	85.6	86.9	88.2	88.4	88.7	89.0	89.0	89.4
GE 1000	46.6	47.0	60.8	66.9	75.8	78.7	82.1	86.0	87.2	88.6	89.9	90.1	90.3	90.7	90.7	91.1
GE 900	46.7	47.1	61.1	67.6	77.1	80.1	83.7	87.7	89.0	90.3	91.7	91.9	92.1	92.7	92.7	93.1
GE 800	46.9	47.3	61.3	68.1	77.9	81.0	84.9	89.1	90.4	91.8	93.1	93.3	93.6	94.1	94.1	94.6
GE 700	47.1	47.6	61.8	68.8	78.6	81.7	85.7	89.9	91.3	92.7	94.0	94.2	94.4	95.0	95.0	95.4
GE 600	47.1	47.6	61.9	69.1	79.0	82.1	86.2	90.4	91.9	93.2	94.6	94.8	95.0	95.6	95.6	96.0
GE 500	47.1	47.6	61.9	69.1	79.0	82.1	86.3	91.3	92.8	94.3	95.7	95.9	96.1	96.7	96.7	97.1
GE 400	47.1	47.6	61.9	69.2	79.1	82.2	86.4	91.8	93.3	95.3	96.7	96.9	97.1	97.8	97.8	98.2
GE 300	47.1	47.6	61.9	69.2	79.1	82.2	86.4	91.9	93.6	96.2	97.6	97.8	98.0	98.7	98.7	99.1
GE 200	47.1	47.6	61.9	69.2	79.1	82.2	86.4	91.9	93.6	96.2	97.6	97.9	98.2	99.0	99.1	99.9
GE 100	47.1	47.6	61.9	69.2	79.1	82.2	86.4	91.9	93.6	96.2	97.6	97.9	98.2	99.0	99.1	100.0
GE 000	47.1	47.6	61.9	69.2	79.1	82.2	86.4	91.9	93.6	96.2	97.6	97.9	98.2	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.0	22.2	24.8	26.0	27.4	28.2	28.6	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 20000	28.6	28.8	32.1	33.7	35.2	36.0	36.3	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 18000	28.7	28.9	32.2	33.8	35.3	36.1	36.4	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 16000	28.7	28.9	32.2	33.8	35.3	36.1	36.4	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000	28.8	29.0	32.3	33.9	35.4	36.2	36.6	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 12000	29.0	29.2	32.6	34.1	35.7	36.4	36.8	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 10000	30.8	31.0	34.6	36.1	37.8	38.6	38.9	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 9000	31.1	31.3	34.9	36.7	38.4	39.2	39.6	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 8000	32.0	32.2	36.2	38.4	40.4	41.3	42.0	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 7000	32.9	33.1	37.1	39.3	41.3	42.2	42.9	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 6000	32.9	33.1	37.4	39.7	41.7	42.6	43.3	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 5000	34.6	34.8	39.3	41.6	44.0	44.9	45.9	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 4500	37.2	37.4	42.7	44.9	47.4	48.3	49.8	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 4000	40.3	40.6	47.6	50.0	52.7	53.8	55.2	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 3500	47.4	47.7	55.2	58.0	60.7	61.8	63.3	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 3000	57.3	57.7	66.3	69.2	72.1	73.2	74.8	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2500	60.6	60.9	69.9	72.8	75.8	77.1	78.7	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2000	64.2	64.6	73.9	77.0	80.0	81.4	83.1	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	64.6	64.9	74.2	77.4	80.6	82.0	83.7	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	67.1	67.4	78.0	81.8	85.1	86.7	88.8	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	67.9	68.2	79.2	83.4	87.4	89.1	91.6	92.3	92.6	92.9	92.9	92.9	92.9	93.0	93.0	93.0
GE 1000	68.2	68.6	79.8	84.2	88.8	90.8	93.2	94.0	94.2	94.6	94.6	94.6	94.6	94.7	94.7	94.7
GE 900	68.3	68.7	80.2	84.8	89.7	91.8	94.3	95.2	95.6	95.9	95.9	96.0	96.0	96.1	96.1	96.1
GE 800	68.3	68.7	80.2	84.8	90.0	92.1	94.7	95.6	95.9	96.2	96.2	96.3	96.3	96.4	96.4	96.4
GE 700	68.3	68.7	80.4	85.2	90.6	92.8	95.6	96.4	96.8	97.1	97.1	97.2	97.2	97.3	97.3	97.3
GE 600	68.3	68.7	80.6	85.4	90.9	93.2	96.1	97.1	97.6	97.9	97.9	98.0	98.0	98.1	98.1	98.1
GE 500	68.3	68.7	80.6	85.4	90.9	93.2	96.3	97.6	98.1	98.4	98.4	98.6	98.7	98.8	98.8	98.8
GE 400	68.3	68.7	80.6	85.4	90.9	93.2	96.3	97.7	98.2	99.0	99.1	99.2	99.3	99.6	99.6	99.6
GE 300	68.3	68.7	80.6	85.4	90.9	93.2	96.3	97.7	98.2	99.0	99.1	99.3	99.4	99.7	99.7	99.7
GE 200	68.3	68.7	80.6	85.4	90.9	93.2	96.3	97.7	98.3	99.2	99.3	99.7	99.8	100.0	100.0	100.0
GE 100	68.3	68.7	80.6	85.4	90.9	93.2	96.3	97.7	98.3	99.2	99.3	99.7	99.8	100.0	100.0	100.0
GE 000	68.3	68.7	80.6	85.4	90.9	93.2	96.3	97.7	98.3	99.2	99.3	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.3	20.8	22.3	22.9	23.9	24.1	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 20000	28.9	29.4	31.2	31.8	32.8	33.0	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 18000	29.2	29.8	31.6	32.1	33.1	33.3	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 16000	29.2	29.8	31.6	32.1	33.1	33.3	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 14000	29.6	30.1	31.9	32.4	33.4	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 12000	29.7	30.2	32.0	32.6	33.6	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 10000	32.1	32.7	34.8	35.4	36.4	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000	32.6	33.1	35.3	36.0	37.0	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 8000	34.6	35.1	37.7	38.3	39.3	39.6	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 7000	35.4	36.0	38.6	39.3	40.4	40.7	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 6000	35.4	36.0	38.8	39.7	40.8	41.0	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 5000	37.7	38.4	41.4	42.4	44.0	44.2	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 4500	41.4	42.4	45.7	46.8	48.3	48.6	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 4000	48.1	49.2	53.8	55.3	57.1	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 3500	57.9	59.2	64.6	66.1	68.0	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3000	69.3	71.0	77.2	78.9	81.6	82.1	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	72.8	74.4	81.0	83.0	86.0	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	75.7	77.4	84.6	86.6	89.6	90.2	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	76.1	77.9	85.2	87.2	90.2	90.9	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	77.0	78.8	87.2	89.2	92.8	93.6	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	78.1	79.9	88.7	91.2	95.3	96.2	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	78.1	79.9	89.0	91.7	96.0	97.0	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	78.1	79.9	89.0	91.7	96.0	97.0	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	78.1	79.9	89.1	92.0	96.4	97.4	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	78.1	79.9	89.1	92.1	96.7	97.9	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	78.1	79.9	89.1	92.1	96.7	97.9	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	78.2	80.0	89.3	92.3	96.9	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.2	80.0	89.3	92.3	96.9	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.2	80.0	89.3	92.3	96.9	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.2	80.0	89.3	92.3	96.9	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.2	80.0	89.3	92.3	96.9	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.2	80.0	89.3	92.3	96.9	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.2	24.4	25.1	25.1	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 20000	33.9	34.2	35.1	35.1	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	34.0	34.3	35.2	35.2	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 16000	34.0	34.3	35.2	35.2	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 14000	34.3	34.7	35.6	35.6	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 12000	34.9	35.2	36.1	36.1	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 10000	36.4	36.8	37.7	37.7	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 9000	37.1	37.4	38.3	38.3	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 8000	40.8	41.1	42.0	42.1	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 7000	41.4	41.8	42.7	42.8	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 6000	41.7	42.0	42.9	43.0	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 5000	46.1	46.4	47.4	47.6	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 4500	52.9	53.3	54.7	55.0	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 4000	61.3	61.9	63.8	64.2	67.0	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	67.0	67.6	70.4	70.9	74.2	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3000	76.6	77.3	80.8	81.2	84.9	85.2	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	78.1	78.9	82.6	83.0	86.8	87.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	81.4	82.2	86.4	87.1	91.0	91.8	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	81.7	82.4	86.8	87.4	91.3	92.1	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	82.4	83.2	88.7	89.4	93.7	94.4	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	82.8	83.6	89.4	90.2	94.7	95.6	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	83.0	83.8	90.1	91.0	95.6	96.4	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	83.0	83.8	90.3	91.2	95.8	96.7	98.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	83.0	83.8	90.3	91.8	96.6	97.4	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	83.0	83.8	90.3	91.8	96.6	97.6	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	83.0	83.8	90.3	91.8	96.6	97.6	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	83.0	83.8	90.4	91.9	96.7	97.7	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.0	83.8	90.4	91.9	96.7	97.7	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.0	83.8	90.4	91.9	96.7	97.7	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.0	83.8	90.4	91.9	96.7	97.7	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.0	83.8	90.4	91.9	96.7	97.7	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.0	83.8	90.4	91.9	96.7	97.7	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	29.9	30.1	33.3	33.8	34.2	34.3	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 20000	39.1	39.3	43.2	43.9	44.8	45.2	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 18000	39.4	39.7	43.6	44.2	45.1	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000	39.4	39.7	43.6	44.2	45.1	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 14000	39.6	39.8	43.7	44.3	45.2	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 12000	39.6	39.8	43.7	44.3	45.2	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 10000	41.2	41.4	45.4	46.1	47.0	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 9000	41.7	41.9	45.9	46.6	47.6	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 8000	45.3	45.7	50.4	51.1	52.6	53.1	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 7000	46.2	46.6	51.4	52.1	53.6	54.1	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 6000	46.6	46.9	51.8	52.4	53.9	54.4	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 5000	49.9	50.3	55.6	56.3	57.9	58.4	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4500	54.8	55.2	61.8	62.7	65.0	65.6	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4000	60.4	61.1	68.9	70.1	72.8	73.3	74.0	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	63.7	64.3	72.4	74.0	77.2	77.8	78.7	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	68.9	69.6	78.0	79.7	83.0	83.6	84.4	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	70.4	71.1	79.8	81.6	85.1	85.7	86.6	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	72.3	73.0	82.4	84.6	88.2	88.8	90.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	72.4	73.1	82.7	84.8	88.6	89.1	90.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	73.8	74.4	84.4	86.8	91.0	91.7	93.1	94.4	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
GE 1200	73.9	74.6	85.0	87.7	92.4	93.2	94.8	96.4	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9
GE 1000	74.0	74.7	85.7	88.3	93.4	94.2	95.8	97.4	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9
GE 900	74.0	74.7	85.9	88.7	93.9	94.7	96.2	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3
GE 800	74.2	74.9	86.3	89.1	94.7	95.6	97.1	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2
GE 700	74.2	74.9	86.3	89.1	94.7	95.6	97.1	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 600	74.3	75.0	86.7	89.4	95.0	95.9	97.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 500	74.3	75.0	86.7	89.4	95.0	95.9	97.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 400	74.3	75.0	86.7	89.4	95.0	95.9	97.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	74.3	75.0	86.7	89.4	95.0	95.9	97.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	74.3	75.0	86.7	89.4	95.0	95.9	97.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	74.3	75.0	86.7	89.4	95.0	95.9	97.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	74.3	75.0	86.7	89.4	95.0	95.9	97.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHFVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM OURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 21-23

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	33.3	33.4	38.3	39.1	41.3	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	38.2	38.3	43.6	44.8	47.8	48.6	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 18000	38.2	38.3	43.6	44.8	47.8	48.6	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 16000	38.2	38.3	43.6	44.8	47.8	48.6	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 14000	38.2	38.3	43.6	44.8	47.8	48.6	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 12000	38.2	38.3	43.6	44.8	47.8	48.6	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000	38.3	38.4	43.7	44.9	48.2	49.0	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 9000	38.4	38.6	43.8	45.0	48.3	49.1	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 8000	42.3	42.7	48.2	49.7	53.2	54.1	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	42.6	42.9	48.4	49.9	53.4	54.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 6000	43.1	43.4	49.0	50.4	54.0	54.9	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	45.8	46.1	52.0	53.6	57.8	58.9	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4500	48.7	49.0	55.6	57.6	63.0	64.1	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	53.4	53.8	61.8	63.8	69.2	70.6	71.3	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
GE 3500	57.7	58.0	66.4	68.4	74.3	76.0	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6
GE 3000	60.6	60.9	70.2	72.2	78.8	80.4	81.3	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3
GE 2500	62.0	62.3	71.8	73.8	80.7	82.3	83.3	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
GE 2000	65.0	65.3	75.4	77.9	84.9	86.7	87.9	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0
GE 1800	65.4	65.8	75.9	78.3	85.4	87.2	88.4	89.2	89.3	89.3	89.4	89.4	89.4	89.6	89.6	89.6
GE 1500	67.0	67.3	77.8	80.4	87.8	89.7	90.9	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0
GE 1200	67.3	67.7	78.4	81.3	88.8	90.7	91.9	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1
GE 1000	68.4	68.8	79.9	83.8	91.6	93.4	94.7	95.6	95.7	95.7	95.8	96.0	96.0	96.1	96.1	96.1
GE 900	68.6	68.9	80.4	84.3	92.2	94.1	95.3	96.2	96.4	96.4	96.6	96.8	96.8	96.9	96.9	96.9
GE 800	69.3	69.7	81.4	85.3	93.4	95.4	96.7	97.8	98.1	98.1	98.2	98.4	98.4	98.6	98.6	98.6
GE 700	69.3	69.7	81.6	85.4	93.6	95.7	96.9	98.1	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0
GE 600	69.3	69.7	81.6	85.4	93.6	95.7	97.0	98.6	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.4
GE 500	69.3	69.7	81.6	85.4	93.6	95.7	97.0	98.7	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6
GE 400	69.3	69.7	81.6	85.4	93.7	95.8	97.2	98.9	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8
GE 300	69.3	69.7	81.7	85.6	93.8	95.9	97.3	99.0	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9
GE 200	69.3	69.7	81.7	85.6	93.8	95.9	97.3	99.0	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0
GE 100	69.3	69.7	81.7	85.6	93.8	95.9	97.3	99.0	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0
GE 000	69.3	69.7	81.7	85.6	93.8	95.9	97.3	99.0	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.9	25.2	28.5	29.5	31.4	32.1	32.9	33.3	33.5	33.6	33.7	33.7	33.8	33.8	33.8	33.9
GE 20000	31.0	31.3	35.2	36.4	38.7	39.4	40.4	41.0	41.3	41.4	41.5	41.6	41.6	41.6	41.6	41.8
GE 18000	31.1	31.4	35.3	36.5	38.9	39.6	40.5	41.1	41.4	41.6	41.7	41.7	41.8	41.8	41.8	41.9
GE 16000	31.1	31.4	35.3	36.5	38.9	39.6	40.5	41.1	41.4	41.6	41.7	41.7	41.8	41.8	41.8	41.9
GE 14000	31.3	31.6	35.4	36.7	39.0	39.7	40.7	41.3	41.6	41.7	41.8	41.8	41.9	41.9	41.9	42.0
GE 12000	31.4	31.7	35.6	36.8	39.1	39.8	40.8	41.4	41.7	41.9	42.0	42.0	42.0	42.1	42.1	42.2
GE 10000	32.6	32.9	37.0	38.3	40.7	41.4	42.4	43.0	43.3	43.5	43.6	43.6	43.6	43.7	43.7	43.8
GE 9000	33.1	33.4	37.6	38.9	41.3	42.1	43.0	43.7	44.0	44.1	44.2	44.3	44.3	44.3	44.3	44.4
GE 8000	35.7	36.0	40.7	42.2	45.0	45.8	46.8	47.5	47.8	48.0	48.1	48.1	48.1	48.2	48.2	48.3
GE 7000	36.4	36.8	41.5	43.0	45.9	46.7	47.8	48.4	48.8	48.9	49.0	49.1	49.1	49.1	49.1	49.3
GE 6000	36.7	37.0	41.8	43.3	46.3	47.0	48.1	48.8	49.1	49.3	49.4	49.4	49.5	49.5	49.5	49.6
GE 5000	39.4	39.8	44.9	46.5	49.8	50.7	51.9	52.7	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.5
GE 4500	43.0	43.4	49.3	51.1	55.3	56.3	57.6	58.4	58.7	58.9	59.1	59.1	59.1	59.2	59.2	59.3
GE 4000	48.0	48.5	55.4	57.5	62.0	63.1	64.5	65.4	65.8	66.1	66.2	66.3	66.3	66.4	66.4	66.5
GE 3500	53.0	53.5	61.1	63.3	68.3	69.5	71.1	72.1	72.5	72.7	72.9	73.0	73.0	73.1	73.1	73.2
GE 3000	58.8	59.4	67.7	70.1	75.4	76.8	78.4	79.6	80.0	80.3	80.5	80.5	80.6	80.7	80.7	80.8
GE 2500	60.8	61.5	69.9	72.4	78.1	79.4	81.2	82.3	82.7	83.1	83.2	83.3	83.3	83.4	83.4	83.6
GE 2000	63.6	64.3	73.2	76.0	81.7	83.2	85.1	86.4	86.8	87.2	87.4	87.4	87.5	87.6	87.6	87.7
GE 1800	63.8	64.5	73.5	76.4	82.2	83.7	85.6	86.9	87.3	87.7	87.9	87.9	88.0	88.1	88.1	88.2
GE 1500	65.5	66.2	76.0	79.1	85.4	87.0	89.1	90.4	90.8	91.2	91.4	91.5	91.5	91.6	91.6	91.8
GE 1200	66.2	66.9	77.0	80.3	87.2	88.9	91.1	92.5	93.0	93.4	93.6	93.7	93.8	93.9	93.9	94.0
GE 1000	66.6	67.3	77.7	81.3	88.4	90.3	92.6	94.0	94.5	94.8	95.0	95.2	95.2	95.3	95.3	95.5
GE 900	66.6	67.3	77.9	81.6	89.0	90.9	93.2	94.7	95.2	95.6	95.8	95.9	96.0	96.1	96.1	96.3
GE 800	66.9	67.6	78.4	82.2	89.8	91.8	94.1	95.8	96.3	96.7	96.9	97.0	97.1	97.2	97.2	97.3
GE 700	66.9	67.6	78.5	82.4	90.1	92.1	94.6	96.3	96.8	97.2	97.4	97.5	97.6	97.8	97.8	97.9
GE 600	67.0	67.7	78.6	82.5	90.3	92.3	94.9	96.7	97.3	97.6	97.9	98.0	98.1	98.2	98.2	98.3
GE 500	67.0	67.7	78.7	82.6	90.3	92.4	95.1	97.1	97.8	98.2	98.4	98.5	98.6	98.8	98.8	98.9
GE 400	67.0	67.7	78.7	82.6	90.5	92.5	95.3	97.5	98.1	98.6	98.8	99.0	99.1	99.3	99.3	99.4
GE 300	67.0	67.7	78.7	82.6	90.5	92.5	95.3	97.6	98.2	98.8	99.1	99.2	99.3	99.5	99.5	99.6
GE 200	67.0	67.7	78.7	82.6	90.5	92.5	95.3	97.6	98.3	98.9	99.2	99.4	99.5	99.7	99.7	99.9
GE 100	67.0	67.7	78.7	82.6	90.5	92.5	95.3	97.6	98.3	98.9	99.2	99.4	99.5	99.7	99.7	100.0
GE 000	67.0	67.7	78.7	82.6	90.5	92.5	95.3	97.6	98.3	98.9	99.2	99.4	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS														
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04
NO CEIL	38.0	38.6	43.4	44.9	48.0	48.7	49.0	49.4	49.4	49.5	49.5	49.5	49.6	49.7	49.7
GE 20000	40.5	41.3	46.9	48.5	52.3	53.0	53.4	53.8	53.8	53.9	53.9	53.9	54.0	54.1	54.1
GE 18000	40.5	41.3	46.9	48.5	52.3	53.0	53.4	53.8	53.8	53.9	53.9	53.9	54.0	54.1	54.1
GE 16000	40.5	41.3	46.9	48.5	52.3	53.0	53.4	53.8	53.8	53.9	53.9	53.9	54.0	54.1	54.1
GE 14000	40.5	41.3	47.0	48.6	52.4	53.1	53.5	53.9	53.9	54.0	54.0	54.0	54.1	54.2	54.2
GE 12000	40.5	41.3	47.0	48.6	52.4	53.1	53.5	53.9	53.9	54.0	54.0	54.0	54.1	54.2	54.2
GE 10000	41.4	42.2	48.0	49.7	53.9	54.6	55.1	55.4	55.4	55.5	55.5	55.5	55.6	55.7	55.7
GE 9000	41.7	42.5	48.3	50.0	54.3	55.1	55.5	55.8	55.8	55.9	55.9	55.9	56.0	56.1	56.1
GE 8000	45.9	46.7	52.7	54.4	59.0	59.8	60.2	60.5	60.5	60.6	60.6	60.6	60.8	60.9	60.9
GE 7000	46.2	47.0	53.2	55.3	60.3	61.1	61.5	61.8	61.8	61.9	61.9	61.9	62.0	62.2	62.2
GE 6000	46.2	47.0	53.3	55.5	60.5	61.3	61.7	62.0	62.0	62.2	62.2	62.2	62.3	62.4	62.4
GE 5000	48.7	49.6	56.5	58.7	64.1	65.3	65.7	66.0	66.0	66.1	66.1	66.1	66.2	66.3	66.3
GE 4500	50.8	51.7	59.7	62.0	67.5	68.7	69.2	69.6	69.6	69.7	69.7	69.7	69.8	69.9	69.9
GE 4000	55.1	56.0	64.8	67.4	73.4	74.6	75.3	75.6	75.6	75.7	75.7	75.7	75.8	75.9	75.9
GE 3500	56.8	57.7	66.8	69.4	75.4	76.6	77.2	77.5	77.5	77.6	77.6	77.6	77.7	78.0	78.0
GE 3000	59.1	60.1	70.3	73.0	79.5	80.6	81.4	81.7	81.7	81.8	81.8	81.8	81.9	82.2	82.2
GE 2500	60.1	61.1	71.3	74.1	80.5	81.7	82.5	82.9	83.1	83.2	83.2	83.2	83.3	83.5	83.5
GE 2000	61.1	62.0	72.7	75.6	82.2	83.3	84.2	84.6	84.8	84.9	84.9	84.9	85.1	85.3	85.3
GE 1800	61.2	62.2	73.0	75.9	82.5	83.7	84.5	84.9	85.2	85.3	85.3	85.3	85.4	85.6	85.6
GE 1500	61.7	62.7	74.3	77.3	84.2	85.5	86.3	86.8	87.0	87.1	87.1	87.1	87.2	87.4	87.4
GE 1200	61.8	62.8	75.1	78.3	85.9	87.2	88.1	88.5	88.7	88.8	88.8	88.8	88.9	89.1	89.1
GE 1000	62.2	63.1	75.7	78.9	86.7	88.0	88.8	89.6	89.8	90.1	90.1	90.1	90.2	90.4	90.4
GE 900	62.4	63.3	76.5	79.7	87.7	89.0	89.9	90.6	90.9	91.2	91.2	91.2	91.3	91.5	91.5
GE 800	62.6	63.5	77.0	80.3	88.8	90.1	91.0	92.0	92.3	92.6	92.6	92.6	92.7	92.9	92.9
GE 700	62.6	63.5	77.4	81.0	90.9	92.4	93.4	94.8	95.1	95.4	95.4	95.4	95.5	95.7	95.7
GE 600	62.6	63.5	77.4	81.2	91.2	92.7	94.3	95.7	95.9	96.2	96.2	96.2	96.3	96.6	96.6
GE 500	62.6	63.5	77.4	81.2	91.6	93.4	95.3	97.0	97.3	97.7	97.7	97.7	97.8	98.1	98.1
GE 400	62.6	63.5	77.4	81.2	91.6	93.7	95.6	97.3	97.6	98.2	98.3	98.3	98.4	98.6	98.6
GE 300	62.6	63.5	77.4	81.2	91.6	93.7	95.7	97.4	97.7	98.3	98.4	98.6	98.7	98.9	98.9
GE 200	62.6	63.5	77.4	81.2	91.6	93.7	95.7	97.4	97.7	98.3	98.4	98.6	98.7	99.1	99.1
GE 100	62.6	63.5	77.4	81.2	91.6	93.7	95.7	97.4	97.7	98.3	98.4	98.6	98.7	99.1	99.2
GE 000	62.6	63.5	77.4	81.2	91.6	93.7	95.7	97.4	97.7	98.3	98.4	98.6	98.7	99.1	99.2

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.7	27.0	32.5	33.8	36.3	37.5	38.9	39.9	40.2	40.4	40.5	40.8	41.0	41.3	41.3	41.6
GE 20000	29.0	29.4	36.0	37.3	40.2	41.4	42.8	43.9	44.2	44.5	44.6	44.8	45.1	45.4	45.4	45.7
GE 18000	29.0	29.4	36.0	37.3	40.2	41.4	42.8	43.9	44.2	44.5	44.6	44.8	45.1	45.4	45.4	45.7
GE 16000	29.0	29.4	36.0	37.3	40.2	41.4	42.8	43.9	44.2	44.5	44.6	44.8	45.1	45.4	45.4	45.7
GE 14000	29.1	29.5	36.1	37.4	40.3	41.5	42.9	44.0	44.3	44.6	44.7	44.9	45.2	45.5	45.5	45.8
GE 12000	29.2	29.6	36.3	37.6	40.5	41.7	43.1	44.2	44.5	44.8	44.9	45.2	45.4	45.7	45.7	46.0
GE 10000	30.4	30.8	38.0	39.2	42.2	43.4	44.9	46.0	46.3	46.7	46.8	47.0	47.2	47.5	47.5	47.8
GE 9000	30.9	31.2	38.5	39.8	42.7	44.0	45.7	47.0	47.3	47.6	47.7	48.0	48.2	48.5	48.5	48.8
GE 8000	35.4	35.7	43.4	44.9	48.4	49.8	51.7	53.0	53.3	53.7	53.8	54.0	54.2	54.5	54.5	54.8
GE 7000	35.6	35.9	43.7	45.5	49.0	50.4	52.4	53.7	54.0	54.4	54.5	54.7	55.1	55.4	55.4	55.8
GE 6000	35.6	35.9	43.7	45.5	49.1	50.5	52.5	53.8	54.1	54.6	54.7	54.9	55.3	55.6	55.6	56.0
GE 5000	38.4	38.7	47.2	49.1	53.0	54.6	56.8	58.1	58.4	59.0	59.2	59.7	60.0	60.3	60.3	60.8
GE 4500	39.7	40.0	49.1	51.1	55.2	56.9	59.1	60.4	60.8	61.4	61.6	62.0	62.4	62.7	62.7	63.1
GE 4000	43.5	43.9	54.1	56.5	61.6	63.3	65.9	67.3	67.6	68.4	68.6	69.0	69.4	69.7	69.7	70.1
GE 3500	45.4	45.7	56.0	58.4	63.9	65.8	68.5	69.9	70.2	71.0	71.2	71.6	71.9	72.3	72.3	72.7
GE 3000	47.3	47.7	58.9	61.4	67.2	69.2	72.2	73.7	74.1	74.8	75.1	75.5	75.8	76.1	76.1	76.6
GE 2500	48.0	48.4	59.6	62.0	68.1	70.1	73.0	74.5	75.2	75.9	76.1	76.6	76.9	77.2	77.2	77.6
GE 2000	48.9	49.4	61.3	64.3	70.6	72.7	75.7	77.2	77.8	78.6	78.8	79.2	79.6	79.9	79.9	80.3
GE 1800	49.1	49.6	61.5	64.5	70.9	72.9	75.9	77.4	78.1	78.8	79.0	79.5	79.8	80.1	80.1	80.5
GE 1500	50.1	50.5	63.4	66.6	73.4	75.5	78.6	80.1	80.8	81.5	81.7	82.2	82.5	82.8	82.8	83.2
GE 1200	50.6	51.1	64.6	68.0	74.9	77.0	80.4	82.0	82.7	83.4	83.7	84.1	84.4	84.7	84.7	85.2
GE 1000	50.8	51.2	64.8	68.3	75.5	77.5	81.0	82.8	83.4	84.3	84.5	84.9	85.3	85.6	85.6	86.0
GE 900	51.0	51.4	65.3	68.7	76.2	78.3	82.0	83.9	84.5	85.4	85.6	86.0	86.3	86.7	86.7	87.1
GE 800	51.3	51.7	65.9	69.5	77.3	79.4	83.2	85.3	85.9	86.8	87.0	87.4	87.7	88.1	88.1	88.5
GE 700	51.3	51.7	66.1	69.9	78.3	80.4	84.7	86.9	87.5	88.4	88.6	89.0	89.4	89.8	89.8	90.2
GE 600	51.3	51.7	66.5	70.3	78.9	81.3	86.0	88.3	88.9	89.9	90.1	90.5	90.9	91.3	91.3	91.7
GE 500	51.3	51.7	66.8	70.8	80.1	82.5	88.1	90.6	91.4	92.5	92.7	93.1	93.4	93.9	93.9	94.3
GE 400	51.3	51.7	66.8	70.9	80.6	83.2	89.1	92.3	93.0	94.1	94.3	94.8	95.3	95.7	95.7	96.1
GE 300	51.3	51.7	66.8	70.9	80.6	83.2	89.1	92.7	93.7	94.8	95.1	95.6	96.1	96.7	96.8	97.2
GE 200	51.3	51.7	66.8	70.9	80.6	83.2	89.1	92.8	93.8	95.1	95.4	96.0	96.8	97.6	98.1	98.7
GE 100	51.3	51.7	66.8	70.9	80.6	83.2	89.1	92.8	93.8	95.1	95.4	96.1	96.9	98.1	98.7	100.0
GE 000	51.3	51.7	66.8	70.9	80.6	83.2	89.1	92.8	93.8	95.1	95.4	96.1	96.9	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.3	21.6	26.0	27.1	29.4	30.5	31.4	32.4	32.4	32.6	32.6	32.6	32.7	32.7	32.7	32.9
GE 20000	25.5	25.8	31.7	33.0	35.4	36.7	37.5	38.8	38.8	39.0	39.0	39.0	39.1	39.1	39.1	39.4
GE 18000	25.5	25.8	31.8	33.1	35.5	36.8	37.6	38.9	38.9	39.1	39.1	39.1	39.2	39.2	39.2	39.5
GE 16000	25.5	25.8	31.8	33.1	35.5	36.8	37.6	38.9	38.9	39.1	39.1	39.1	39.2	39.2	39.2	39.5
GE 14000	25.5	25.8	31.8	33.1	35.5	37.0	37.8	39.1	39.1	39.4	39.4	39.4	39.5	39.5	39.5	39.7
GE 12000	25.5	25.8	31.8	33.1	35.5	37.0	37.8	39.1	39.1	39.4	39.4	39.4	39.5	39.5	39.5	39.7
GE 10000	26.7	27.0	33.5	34.8	37.3	38.8	39.8	41.3	41.3	41.5	41.5	41.5	41.6	41.6	41.6	41.8
GE 9000	27.4	27.8	34.5	36.1	38.7	40.2	41.2	42.7	42.7	42.9	42.9	42.9	43.0	43.0	43.0	43.2
GE 8000	31.1	31.5	39.2	41.2	44.7	46.3	47.6	49.5	49.5	49.7	49.7	49.7	49.9	49.9	49.9	50.1
GE 7000	31.7	32.2	40.1	42.0	45.6	47.2	48.5	50.3	50.3	50.5	50.5	50.5	50.8	50.8	50.8	51.2
GE 6000	31.8	32.3	40.2	42.3	45.8	47.4	48.9	50.9	50.9	51.1	51.1	51.1	51.3	51.3	51.3	51.7
GE 5000	33.4	34.0	41.9	44.4	48.4	50.0	51.5	53.5	53.7	53.9	54.0	54.0	54.2	54.2	54.2	54.6
GE 4500	35.5	36.0	44.6	47.1	51.2	52.8	54.6	56.7	56.9	57.1	57.2	57.2	57.4	57.4	57.4	57.8
GE 4000	41.2	41.8	50.8	53.5	58.3	60.2	62.6	64.9	65.2	65.4	65.5	65.5	65.7	65.7	65.7	66.1
GE 3500	42.6	43.2	52.9	56.0	61.0	62.9	65.4	67.8	68.1	68.3	68.4	68.4	68.6	68.6	68.6	69.0
GE 3000	46.1	46.8	56.8	60.0	65.4	67.4	70.1	72.7	72.9	73.4	73.5	73.5	73.8	73.8	73.8	74.2
GE 2500	47.2	47.8	58.5	61.7	67.2	69.2	71.9	74.6	74.8	75.4	75.5	75.5	75.7	75.7	75.7	76.1
GE 2000	49.5	50.1	61.6	64.8	70.9	72.9	75.8	78.5	78.7	79.2	79.4	79.4	79.6	79.6	79.6	80.0
GE 1800	49.9	50.5	62.0	65.3	71.3	73.3	76.2	78.9	79.1	79.7	79.8	79.8	80.0	80.0	80.0	80.4
GE 1500	51.8	52.5	64.9	68.7	75.4	77.5	80.8	83.7	83.9	84.4	84.5	84.5	84.7	84.7	84.7	85.2
GE 1200	52.6	53.2	66.0	70.0	77.1	79.2	82.7	85.6	85.8	86.3	86.5	86.5	86.7	86.7	86.7	87.1
GE 1000	52.8	53.4	66.5	70.6	78.0	80.1	83.7	86.8	87.1	87.6	87.7	87.7	88.0	88.0	88.0	88.4
GE 900	53.0	53.7	67.1	71.5	79.2	81.4	84.9	88.1	88.6	89.1	89.2	89.2	89.5	89.5	89.5	89.9
GE 800	53.1	53.8	67.6	72.2	80.1	82.5	86.2	89.5	90.0	90.8	90.9	90.9	91.1	91.1	91.1	91.5
GE 700	53.1	53.8	68.2	72.8	80.8	83.3	87.3	90.8	91.3	92.0	92.2	92.2	92.4	92.4	92.4	92.8
GE 600	53.1	53.8	68.3	72.9	81.1	83.8	88.2	91.6	92.3	93.3	93.4	93.4	93.7	93.7	93.7	94.1
GE 500	53.1	53.8	68.6	73.4	81.7	84.4	88.9	92.7	93.5	94.7	95.1	95.1	95.3	95.3	95.3	95.7
GE 400	53.1	53.9	68.7	73.5	81.9	84.6	89.5	93.9	95.3	96.7	97.0	97.0	97.2	97.3	97.3	97.7
GE 300	53.1	53.9	68.7	73.5	81.9	84.6	89.6	94.2	95.8	97.5	98.0	98.0	98.2	98.3	98.3	98.7
GE 200	53.1	53.9	68.7	73.5	81.9	84.6	89.6	94.2	96.0	97.8	98.4	98.4	99.0	99.2	99.2	99.7
GE 100	53.1	53.9	68.7	73.5	81.9	84.6	89.6	94.2	96.0	97.8	98.4	98.4	99.0	99.2	99.4	100.0
GE 000	53.1	53.9	68.7	73.5	81.9	84.6	89.6	94.2	96.0	97.8	98.4	98.4	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	19.9	20.1	23.8	24.4	25.7	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 20000	25.4	25.6	30.1	31.1	32.5	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 18000	25.4	25.6	30.1	31.1	32.5	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 16000	25.4	25.6	30.1	31.1	32.5	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 14000	25.6	25.8	30.3	31.3	32.8	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 12000	25.8	26.0	30.6	31.6	33.3	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 10000	26.8	27.0	31.7	32.8	34.6	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 9000	27.8	28.1	33.0	34.2	36.0	36.5	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 8000	31.3	31.5	37.0	38.3	40.4	40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 7000	33.1	33.3	38.9	40.2	42.4	42.8	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 6000	33.3	33.5	39.1	40.4	42.8	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 5000	34.5	34.7	40.8	42.6	45.6	46.0	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 4500	37.3	37.5	43.8	45.8	48.9	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 4000	44.3	44.6	51.4	53.4	57.1	57.7	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 3500	48.4	48.8	55.8	57.8	61.9	62.6	63.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 3000	59.4	59.9	68.0	70.4	74.6	75.4	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500	62.8	63.3	72.3	75.1	79.5	80.2	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	65.4	65.9	76.0	79.1	83.9	84.6	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	65.9	66.5	76.9	80.0	84.7	85.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	67.6	68.3	79.5	82.7	87.7	88.6	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	68.6	69.2	81.1	84.5	89.6	90.5	91.9	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	68.7	69.4	82.3	85.8	91.6	92.8	94.2	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	68.7	69.4	82.3	85.9	92.0	93.2	94.7	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	68.8	69.5	82.4	86.0	92.4	93.9	95.4	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	68.8	69.5	82.4	86.1	92.8	94.5	96.1	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	68.8	69.5	82.5	86.2	93.2	95.1	97.1	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	68.8	69.5	82.5	86.2	93.3	95.4	97.5	98.9	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	68.8	69.5	82.5	86.2	93.4	95.5	97.6	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	68.8	69.5	82.5	86.2	93.4	95.5	97.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.8	69.5	82.5	86.2	93.4	95.5	97.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.8	69.5	82.5	86.2	93.4	95.5	97.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.8	69.5	82.5	86.2	93.4	95.5	97.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 12-14

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.5	21.1	22.7	23.0	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 20000	27.3	28.1	30.6	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 18000	27.3	28.1	30.6	31.1	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 16000	27.3	28.1	30.6	31.1	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 14000	27.7	28.5	31.1	31.5	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 12000	28.2	28.9	31.7	32.2	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 10000	30.2	31.0	34.1	34.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 9000	30.5	31.4	34.5	35.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 8000	32.4	33.2	36.8	37.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 7000	33.5	34.4	38.1	38.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 6000	33.7	34.5	38.2	38.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 5000	35.6	36.6	40.6	41.5	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 4500	40.3	41.4	45.9	46.8	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 4000	49.1	50.3	55.4	56.5	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 3500	56.3	57.6	63.0	64.2	66.3	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 3000	70.4	72.0	78.8	80.4	82.9	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	73.1	74.7	81.9	83.8	86.3	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	76.5	78.1	85.9	87.7	90.3	90.4	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	76.7	78.3	86.2	88.1	90.8	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	77.4	79.0	88.1	90.3	93.9	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	77.8	79.5	88.9	91.4	95.2	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	78.1	79.7	89.5	91.9	96.2	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	78.1	79.7	89.5	91.9	96.3	96.6	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	78.1	79.7	89.5	92.2	96.8	97.1	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	78.1	79.7	89.5	92.3	97.1	97.4	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	78.1	79.7	89.6	92.5	97.3	97.6	98.6	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	78.1	79.7	89.7	92.6	97.5	97.8	98.9	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	78.1	79.7	89.7	92.6	97.5	97.8	98.9	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.1	79.7	89.7	92.6	97.5	97.8	98.9	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.1	79.7	89.7	92.6	97.5	97.8	98.9	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.1	79.7	89.7	92.6	97.5	97.8	98.9	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.1	79.7	89.7	92.6	97.5	97.8	98.9	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM

PERIOD OF RECORD: JUN 78 MAY 88

LST TO UTC: - 0

MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.6	25.1	25.9	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 20000	32.4	33.0	34.4	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 18000	32.4	33.0	34.4	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 16000	32.4	33.0	34.4	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 14000	32.4	33.0	34.5	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 12000	32.9	33.5	35.1	35.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 10000	34.8	35.5	37.1	37.6	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 9000	35.4	36.0	37.6	38.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 8000	39.0	39.7	42.0	42.6	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 7000	40.2	40.9	43.2	43.8	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 6000	40.5	41.2	43.5	44.1	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 5000	44.0	44.6	47.0	47.5	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 4500	49.5	50.1	52.8	53.3	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 4000	58.3	59.2	62.5	63.7	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3500	65.1	66.1	70.2	71.5	72.8	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3000	78.0	79.4	84.4	86.2	87.8	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	80.0	81.4	87.2	89.0	90.6	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	80.6	82.0	88.4	90.3	91.9	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	80.6	82.0	88.4	90.3	91.9	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	81.4	82.8	90.4	92.7	94.4	95.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	81.5	82.9	90.8	93.3	95.3	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	81.5	82.9	91.1	93.7	95.8	97.0	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	81.5	82.9	91.1	93.7	96.3	97.5	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	81.5	82.9	91.3	93.9	96.8	98.1	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	81.5	82.9	91.3	93.9	96.9	98.3	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	81.5	82.9	91.3	93.9	96.9	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	81.5	82.9	91.3	93.9	96.9	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.5	82.9	91.3	93.9	96.9	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.5	82.9	91.3	93.9	96.9	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.5	82.9	91.3	93.9	96.9	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.5	82.9	91.3	93.9	96.9	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.5	82.9	91.3	93.9	96.9	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL	35.6	36.1	38.2	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 20000	42.8	43.4	47.7	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 18000	43.1	43.8	48.1	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 16000	43.1	43.8	48.1	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 14000	43.4	44.1	48.4	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 12000	43.7	44.3	48.9	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 10000	44.6	45.3	50.4	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 9000	45.2	45.8	51.0	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 8000	51.7	52.4	58.5	59.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 7000	52.3	52.9	59.0	59.6	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	52.3	52.9	59.0	59.6	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	54.9	55.6	61.8	62.5	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	59.0	59.7	66.5	67.1	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	65.5	66.2	74.2	75.5	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	68.9	69.7	77.7	79.0	80.5	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	76.2	77.1	86.0	87.7	89.4	90.1	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	76.5	77.2	86.6	88.5	90.2	91.0	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	77.0	77.8	87.4	89.7	91.6	92.4	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	77.0	77.8	87.4	89.7	91.6	92.4	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	77.6	78.5	88.2	90.6	93.0	93.9	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	78.0	78.8	88.6	91.4	94.0	94.9	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	78.0	78.8	89.1	92.3	94.8	95.8	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	78.0	78.8	89.2	92.5	95.4	96.5	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	78.0	78.8	89.2	92.6	95.5	96.6	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	78.0	78.8	89.2	92.6	95.6	96.7	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	78.0	78.8	89.2	92.6	95.6	96.7	98.7	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	78.0	78.8	89.2	92.6	95.6	96.8	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.0	78.8	89.2	92.6	95.6	96.8	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.0	78.8	89.2	92.6	95.6	96.8	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.0	78.8	89.2	92.6	95.6	96.8	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.0	78.8	89.2	92.6	95.6	96.8	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.0	78.8	89.2	92.6	95.6	96.8	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM

PERIOD OF RECORD: JUN 78 - MAY 88

LST TO UTC: - 0

MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	42.0	42.4	45.9	46.3	48.5	48.7	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0
GE 20000	44.5	44.9	49.7	50.6	52.9	53.1	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7
GE 18000	44.5	44.9	49.7	50.6	52.9	53.1	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7
GE 16000	44.5	44.9	49.7	50.6	52.9	53.1	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7
GE 14000	44.7	45.2	49.9	50.9	53.1	53.3	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9
GE 12000	44.8	45.3	50.0	51.0	53.2	53.4	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
GE 10000	45.6	46.0	51.3	52.3	54.5	54.7	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3
GE 9000	45.9	46.3	51.6	52.6	54.8	55.1	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
GE 8000	50.3	50.8	56.2	57.4	60.2	60.4	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1
GE 7000	50.4	50.9	56.8	58.1	60.9	61.1	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
GE 6000	50.5	51.0	56.9	58.2	61.0	61.2	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 5000	53.9	54.3	60.8	62.2	65.3	65.6	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5
GE 4500	56.8	57.4	64.3	65.8	69.1	69.5	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3
GE 4000	62.0	62.7	70.2	71.9	75.8	76.1	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2
GE 300	54.6	65.3	73.2	75.1	79.1	79.5	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5
GE 3000	69.5	70.1	79.6	81.4	85.9	86.3	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
GE 2500	69.9	70.5	80.1	82.3	86.9	87.3	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
GE 2000	71.0	71.6	81.6	83.8	88.7	89.1	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
GE 1800	71.0	71.6	81.7	83.9	88.8	89.2	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8
GE 1500	71.2	71.8	82.5	84.7	89.7	90.1	91.1	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
GE 1200	71.3	71.9	82.7	85.4	90.5	91.0	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 1000	71.7	72.4	83.7	86.6	92.3	92.7	93.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
GE 900	71.8	72.5	84.1	87.3	93.1	93.5	94.6	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
GE 800	71.8	72.5	84.2	88.0	94.1	94.8	95.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 700	71.8	72.5	84.3	88.4	95.3	96.3	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 600	71.8	72.5	84.3	88.4	95.3	96.3	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 500	71.8	72.5	84.3	88.4	95.4	96.5	97.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 400	71.8	72.5	84.3	88.4	95.4	96.5	97.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 300	71.8	72.5	84.3	88.4	95.4	96.5	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	71.8	72.5	84.3	88.4	95.4	96.5	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	71.8	72.5	84.3	88.4	95.4	96.5	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	71.8	72.5	84.3	88.4	95.4	96.5	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	28.6	29.0	32.3	33.1	34.6	35.0	35.4	35.7	35.7	35.8	35.8	35.8	35.9	35.9	36.0	36.0
GE 20000	33.4	33.9	38.4	39.3	41.1	41.6	42.0	42.3	42.4	42.4	42.5	42.5	42.5	42.6	42.6	42.7
GE 18000	33.5	34.0	38.5	39.4	41.2	41.6	42.0	42.4	42.4	42.5	42.5	42.6	42.6	42.7	42.7	42.7
GE 16000	33.5	34.0	38.5	39.4	41.2	41.6	42.0	42.4	42.4	42.5	42.5	42.6	42.6	42.7	42.7	42.7
GE 14000	33.6	34.1	38.6	39.6	41.4	41.9	42.3	42.6	42.7	42.8	42.8	42.8	42.9	42.9	42.9	43.0
GE 12000	33.8	34.3	38.9	39.9	41.7	42.2	42.6	43.0	43.1	43.1	43.1	43.2	43.2	43.3	43.3	43.4
GE 10000	35.1	35.6	40.5	41.5	43.5	44.0	44.5	44.8	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.2
GE 9000	35.6	36.1	41.1	42.2	44.2	44.7	45.2	45.6	45.7	45.7	45.7	45.8	45.8	45.9	45.9	46.0
GE 8000	39.6	40.2	45.7	46.9	49.3	49.9	50.4	50.9	50.9	51.0	51.0	51.1	51.1	51.2	51.2	51.3
GE 7000	40.4	40.9	46.6	47.9	50.4	50.9	51.5	51.9	52.0	52.1	52.1	52.1	52.2	52.3	52.3	52.4
GE 6000	40.5	41.0	46.7	48.0	50.6	51.1	51.7	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.6
GE 5000	42.9	43.5	49.6	51.1	53.9	54.6	55.2	55.7	55.8	55.9	56.0	56.0	56.1	56.1	56.2	56.3
GE 4500	46.1	46.7	53.3	54.9	57.8	58.5	59.2	59.8	59.9	60.0	60.0	60.1	60.1	60.2	60.2	60.3
GE 4000	52.4	53.1	60.4	62.3	65.8	66.6	67.5	68.1	68.2	68.3	68.4	68.4	68.5	68.6	68.6	68.7
GE 3500	56.0	56.8	64.5	66.4	70.1	71.0	72.0	72.6	72.7	72.9	72.9	73.0	73.1	73.1	73.1	73.2
GE 3000	63.3	64.1	72.8	75.1	79.1	80.1	81.1	81.9	82.0	82.2	82.2	82.2	82.3	82.4	82.4	82.5
GE 2500	64.7	65.6	74.7	77.1	81.2	82.1	83.3	84.0	84.2	84.4	84.4	84.5	84.5	84.6	84.6	84.7
GE 2000	66.2	67.1	76.9	79.4	83.8	84.7	86.0	86.8	86.9	87.1	87.2	87.2	87.2	87.3	87.4	87.5
GE 1800	66.4	67.3	77.2	79.7	84.1	85.0	86.3	87.1	87.2	87.4	87.5	87.5	87.6	87.7	87.7	87.8
GE 1500	67.4	68.3	78.9	81.7	86.5	87.5	88.9	89.8	89.9	90.1	90.2	90.2	90.3	90.4	90.4	90.5
GE 1200	67.8	68.7	79.7	82.8	87.8	89.0	90.4	91.3	91.5	91.7	91.7	91.8	91.9	91.9	91.9	92.1
GE 1000	68.0	68.9	80.3	83.5	88.9	90.0	91.6	92.6	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.4
GE 900	68.1	69.0	80.6	83.9	89.6	90.8	92.4	93.5	93.7	93.9	94.0	94.0	94.1	94.2	94.2	94.3
GE 800	68.1	69.0	80.9	84.3	90.2	91.5	93.3	94.5	94.8	95.1	95.1	95.2	95.3	95.3	95.3	95.4
GE 700	68.1	69.0	81.0	84.6	90.9	92.4	94.4	95.8	96.0	96.3	96.4	96.4	96.5	96.6	96.6	96.7
GE 600	68.1	69.0	81.1	84.7	91.2	92.7	95.0	96.4	96.6	97.0	97.1	97.1	97.2	97.3	97.3	97.4
GE 500	68.1	69.0	81.2	84.9	91.5	93.1	95.6	97.2	97.5	97.9	98.0	98.1	98.2	98.2	98.3	98.4
GE 400	68.1	69.1	81.2	84.9	91.6	93.3	95.8	97.6	98.0	98.5	98.6	98.7	98.8	98.9	98.9	99.0
GE 300	68.1	69.1	81.2	84.9	91.6	93.3	95.8	97.7	98.2	98.8	98.9	99.0	99.1	99.2	99.2	99.3
GE 200	68.1	69.1	81.2	84.9	91.6	93.3	95.8	97.7	98.2	98.8	99.0	99.1	99.3	99.5	99.5	99.7
GE 100	68.1	69.1	81.2	84.9	91.6	93.3	95.8	97.7	98.2	98.8	99.0	99.1	99.3	99.5	99.7	100.0
GE 000	68.1	69.1	81.2	84.9	91.6	93.3	95.8	97.7	98.2	98.8	99.0	99.1	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NOCEIL	27.4	28.0	33.3	34.8	38.4	39.2	41.0	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7
GE 20000	30.1	30.7	36.8	38.2	42.6	43.3	45.6	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.7	46.8
GE 18000	30.1	30.7	36.8	38.2	42.6	43.3	45.6	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.7	46.8
GE 16000	30.1	30.7	36.8	38.2	42.6	43.3	45.6	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.7	46.8
GE 14000	30.1	30.7	36.8	38.2	42.6	43.3	45.6	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.7	46.8
GE 12000	30.1	30.7	36.8	38.2	42.6	43.3	45.6	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.7	46.8
GE 10000	31.6	32.1	38.3	39.8	44.1	45.0	47.2	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.4
GE 9000	31.9	32.4	38.8	40.2	44.8	45.7	48.0	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.1	49.2
GE 8000	35.8	36.7	43.3	45.0	50.2	51.2	53.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.9
GE 7000	36.6	37.6	44.2	45.9	51.1	52.1	54.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.7	55.8
GE 6000	36.9	37.9	44.6	46.2	51.4	52.4	55.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.3
GE 5000	40.4	41.4	48.6	50.6	56.3	57.3	60.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.4	61.6
GE 4500	45.0	46.1	53.9	56.1	62.4	63.6	66.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.8	67.9
GE 4000	51.1	52.2	60.6	62.9	69.8	71.0	74.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.6	75.7
GE 3500	53.2	54.4	63.7	66.2	73.8	75.0	78.3	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.9	80.0
GE 3000	54.8	56.1	65.7	68.7	77.2	78.4	81.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.3	83.4
GE 2500	55.8	57.1	67.0	70.1	78.7	79.9	83.2	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.8	84.9
GE 2000	58.0	59.3	70.0	73.2	81.8	83.1	86.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.1
GE 1800	58.4	59.8	70.6	73.8	82.3	83.8	87.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.7	88.8
GE 1500	59.0	60.3	71.7	75.0	83.7	85.3	88.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.2	90.3
GE 1200	59.4	60.8	72.7	76.0	84.8	86.4	89.8	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.6	91.7
GE 1000	59.8	61.1	73.1	76.4	85.3	87.0	90.3	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.1	92.2
GE 900	60.2	61.6	73.7	77.0	86.2	87.9	91.2	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1	93.2
GE 800	60.3	61.8	74.2	77.6	87.3	89.0	92.4	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.3	94.4
GE 700	60.4	61.9	74.9	78.2	88.3	90.0	93.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.4	95.6
GE 600	60.6	62.0	75.6	78.9	89.1	91.3	95.0	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.9	97.0
GE 500	60.6	62.0	75.8	79.1	89.6	91.8	95.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.4	97.6
GE 400	60.6	62.0	75.8	79.1	89.7	92.1	96.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.1
GE 300	60.6	62.0	75.8	79.1	89.7	92.1	96.6	98.2	98.3	98.6	98.6	98.6	98.6	98.7	99.0	99.1
GE 200	60.6	62.0	75.8	79.1	89.7	92.1	96.7	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.7	99.8
GE 100	60.6	62.0	75.8	79.1	89.7	92.1	96.7	98.7	98.9	99.2	99.2	99.2	99.4	99.4	99.9	100.0
GE 000	60.6	62.0	75.8	79.1	89.7	92.1	96.7	98.7	98.9	99.2	99.2	99.2	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	16.2	16.8	22.9	24.4	28.9	30.0	31.3	33.1	34.2	34.4	35.0	35.0	35.0	35.1	35.3	35.6
GE 20000	18.4	19.0	26.0	28.0	33.1	34.2	35.7	37.6	38.7	39.0	39.8	39.8	39.8	39.9	40.2	40.6
GE 18000	18.4	19.0	26.0	28.0	33.1	34.2	35.7	37.6	38.7	39.0	39.8	39.8	39.8	39.9	40.2	40.6
GE 16000	18.4	19.0	26.0	28.0	33.1	34.2	35.7	37.6	38.7	39.0	39.8	39.8	39.8	39.9	40.2	40.6
GE 14000	18.4	19.0	26.0	28.0	33.1	34.2	35.7	37.6	38.7	39.0	39.8	39.8	39.8	39.9	40.2	40.6
GE 12000	18.4	19.0	26.0	28.0	33.1	34.2	35.7	37.6	38.7	39.0	40.0	40.0	40.0	40.1	40.6	41.0
GE 10000	19.2	19.8	27.1	29.3	34.6	35.7	37.2	39.3	40.4	40.9	42.0	42.0	42.0	42.1	42.6	43.0
GE 9000	19.4	20.0	27.4	29.8	35.1	36.2	37.9	40.0	41.1	41.6	42.7	42.7	42.7	42.8	43.2	43.7
GE 8000	22.2	22.9	31.1	33.6	39.6	40.9	42.9	45.4	46.6	47.1	48.3	48.3	48.3	48.4	48.9	49.3
GE 7000	23.1	23.9	32.7	35.2	41.6	42.9	45.0	47.7	48.8	49.3	50.6	50.6	50.6	50.7	51.1	51.6
GE 6000	23.7	24.4	33.3	35.9	42.2	43.6	45.7	48.3	49.4	50.0	51.2	51.2	51.2	51.3	51.8	52.2
GE 5000	26.9	27.7	36.8	39.3	45.9	47.2	49.3	52.0	53.1	53.8	55.0	55.1	55.2	55.4	56.0	56.6
GE 4500	30.6	31.6	41.1	44.1	51.0	52.4	55.2	58.0	59.2	60.0	61.2	61.3	61.4	61.7	62.2	62.8
GE 4000	35.4	36.4	47.2	50.4	57.6	59.0	62.0	65.0	66.2	67.2	68.6	68.7	68.9	69.1	69.7	70.2
GE 3500	38.0	39.0	50.1	53.4	61.1	62.7	66.0	69.0	70.2	71.2	72.6	72.7	73.0	73.2	73.8	74.3
GE 3000	39.7	40.8	52.2	55.8	64.0	65.9	69.6	72.8	74.0	75.0	76.4	76.6	76.9	77.1	77.7	78.2
GE 2500	40.7	41.8	53.4	57.1	65.6	67.4	71.1	74.3	75.6	76.6	78.0	78.1	78.4	78.7	79.2	79.8
GE 2000	42.3	43.4	55.4	59.4	68.1	70.0	73.7	76.9	78.1	79.1	80.6	80.7	81.0	81.2	81.8	82.3
GE 1800	42.4	43.6	55.6	59.6	68.3	70.2	73.9	77.1	78.3	79.3	80.8	80.9	81.2	81.4	82.0	82.6
GE 1500	43.7	44.8	57.3	61.4	70.3	72.2	75.9	79.2	80.4	81.6	83.0	83.1	83.4	83.7	84.2	84.8
GE 1200	44.6	45.7	58.2	62.6	71.8	73.8	77.6	81.1	82.3	83.4	84.9	85.0	85.3	85.6	86.1	86.7
GE 1000	45.1	46.2	59.1	63.6	73.2	75.2	79.0	82.7	84.0	85.1	86.6	86.7	87.0	87.2	87.8	88.3
GE 900	45.4	46.6	59.7	64.2	74.3	76.3	80.1	83.8	85.1	86.2	87.7	87.8	88.1	88.3	88.9	89.4
GE 800	46.0	47.1	60.3	65.0	75.2	77.2	81.3	85.1	86.4	87.6	89.0	89.1	89.4	89.7	90.2	91.0
GE 700	46.0	47.1	60.7	65.4	76.2	78.2	82.6	86.6	87.9	89.2	90.7	90.8	91.1	91.3	91.9	92.7
GE 600	46.1	47.2	61.0	65.8	77.0	79.2	83.7	87.7	89.2	90.6	92.0	92.1	92.4	92.7	93.2	94.0
GE 500	46.1	47.2	61.2	66.1	77.8	80.2	84.9	89.3	91.0	92.6	94.0	94.1	94.4	94.7	95.2	96.0
GE 400	46.1	47.2	61.2	66.1	77.8	80.2	85.1	89.7	91.7	93.6	95.0	95.1	95.6	95.8	96.4	97.2
GE 300	46.1	47.2	61.2	66.1	77.8	80.3	85.2	90.1	92.3	94.3	95.8	96.0	96.4	96.8	97.4	98.2
GE 200	46.1	47.2	61.2	66.1	77.8	80.3	85.2	90.3	92.6	94.7	96.1	96.3	97.0	97.3	98.3	99.3
GE 100	46.1	47.2	61.2	66.1	77.8	80.3	85.2	90.3	92.6	94.7	96.1	96.3	97.0	97.4	98.7	100.0
GE 000	46.1	47.2	61.2	66.1	77.8	80.3	85.2	90.3	92.6	94.7	96.1	96.3	97.0	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL	18.0	18.4	23.3	25.1	27.8	28.2	29.4	30.6	30.6	30.8	30.9	30.9	30.9	30.9	30.9	30.9
GE 20000	22.0	22.4	29.1	31.0	34.0	34.8	36.1	37.2	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6
GE 18000	22.1	22.6	29.2	31.1	34.1	34.9	36.2	37.3	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7
GE 16000	22.1	22.6	29.2	31.1	34.1	34.9	36.2	37.3	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000	22.1	22.6	29.2	31.1	34.1	34.9	36.2	37.3	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7
GE 12000	22.6	23.0	29.7	31.6	34.7	35.6	36.9	38.0	38.0	3.2	38.3	38.3	38.3	38.3	38.3	38.3
GE 10000	25.0	25.4	32.3	34.3	37.6	38.4	39.8	40.9	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2
GE 9000	25.6	26.0	33.0	35.1	38.4	39.3	40.9	42.0	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3
GE 8000	29.7	30.1	37.7	40.1	43.8	44.7	46.6	48.0	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3
GE 7000	30.3	30.8	38.9	41.4	45.1	46.1	48.0	49.4	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8
GE 6000	30.4	30.9	39.3	41.9	45.6	46.6	48.4	49.9	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 5000	34.1	34.6	43.3	45.9	49.7	50.7	52.6	54.0	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4
GE 4500	37.0	37.4	46.9	49.4	53.6	54.8	56.7	58.1	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6
GE 4000	42.4	42.9	53.2	56.2	60.6	61.8	63.8	65.2	65.3	66.1	66.2	66.3	66.4	66.4	66.4	66.4
GE 3500	44.9	45.6	56.6	59.6	64.3	65.8	68.0	69.4	69.6	70.3	70.4	70.6	70.7	70.7	70.7	70.7
GE 3000	48.6	49.3	60.8	64.2	69.6	71.0	73.2	74.8	74.9	75.9	76.2	76.3	76.4	76.4	76.4	76.4
GE 2500	49.2	50.0	61.4	64.9	70.3	71.8	74.0	75.8	75.9	76.9	77.2	77.3	77.4	77.4	77.4	77.4
GE 2000	50.3	51.3	63.1	66.9	72.6	74.0	76.2	78.0	78.1	79.1	79.4	79.6	79.7	79.7	79.7	79.7
GE 1800	50.7	51.7	63.4	67.2	72.9	74.3	76.6	78.3	78.4	79.4	79.8	79.9	80.0	80.0	80.0	80.0
GE 1500	52.8	53.8	66.3	70.1	76.1	77.6	80.0	81.8	81.9	82.9	83.2	83.3	83.4	83.4	83.4	83.4
GE 1200	54.2	55.2	69.0	72.9	79.2	80.7	83.4	85.2	85.7	86.7	87.0	87.1	87.2	87.2	87.2	87.2
GE 1000	54.7	55.7	69.8	73.7	80.4	81.9	84.9	86.8	87.2	88.2	88.6	88.7	88.8	88.8	88.8	88.8
GE 900	55.0	56.0	70.2	74.1	81.0	82.4	85.6	87.6	88.0	89.0	89.3	89.4	89.6	89.6	89.6	89.6
GE 800	55.0	56.0	70.6	74.7	81.8	83.4	86.9	89.0	89.4	90.4	90.8	90.9	91.0	91.0	91.1	91.1
GE 700	55.1	56.1	71.1	75.7	83.1	85.1	88.7	91.2	91.8	92.8	93.1	93.2	93.3	93.3	93.4	93.4
GE 600	55.1	56.1	71.1	75.9	83.6	85.7	89.9	92.9	93.4	94.6	94.9	95.0	95.1	95.1	95.3	95.3
GE 500	55.1	56.1	71.2	76.0	83.8	85.9	90.3	93.6	94.3	95.6	95.9	96.0	96.1	96.1	96.3	96.3
GE 400	55.1	56.1	71.3	76.1	84.0	86.1	90.8	94.4	95.4	96.9	97.3	97.4	97.7	97.7	97.9	97.9
GE 300	55.1	56.1	71.3	76.1	84.1	86.2	90.9	94.7	96.0	97.4	97.9	98.0	98.4	98.7	99.2	99.3
GE 200	55.1	56.1	71.3	76.1	84.1	86.2	90.9	94.7	96.0	97.4	97.9	98.0	98.6	98.9	99.6	99.8
GE 100	55.1	56.1	71.3	76.1	84.1	86.2	90.9	94.7	96.0	97.6	98.0	98.1	98.7	99.0	99.8	100.0
GE 000	55.1	56.1	71.3	76.1	84.1	86.2	90.9	94.7	96.0	97.6	98.0	98.1	98.7	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.8	22.4	25.0	26.8	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.3
GE 20000	27.9	28.8	31.4	33.3	33.6	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9
GE 18000	28.1	29.0	31.7	33.6	33.8	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1
GE 16000	28.1	29.0	31.7	33.6	33.8	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1
GE 14000	28.2	29.1	31.9	33.8	34.0	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.3
GE 12000	28.6	29.4	32.8	34.7	34.9	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2
GE 10000	30.7	31.6	35.0	36.9	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4
GE 9000	31.2	32.1	35.7	37.8	38.0	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3
GE 8000	33.8	34.7	38.2	40.4	40.7	40.8	41.1	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3
GE 7000	34.9	35.9	39.7	41.9	42.1	42.2	42.6	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8
GE 6000	34.9	35.9	39.8	42.0	42.2	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9
GE 5000	38.6	39.6	44.0	46.2	46.4	46.7	47.0	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2
GE 4500	41.8	42.8	47.7	49.9	50.1	50.3	50.7	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
GE 4000	47.9	49.1	54.6	56.8	57.0	57.3	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 3500	55.4	57.0	63.2	65.8	66.1	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
GE 3000	68.1	70.0	76.8	79.3	79.9	80.3	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
GE 2500	69.7	71.8	78.8	81.4	82.0	82.4	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 2000	72.7	74.9	82.1	84.8	85.4	85.9	86.4	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 1800	72.8	75.0	82.2	84.9	85.6	86.0	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
GE 1500	75.1	77.3	85.6	88.7	89.6	90.1	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 1200	77.0	79.2	88.4	91.7	93.0	93.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 1000	77.3	79.6	89.2	92.8	94.2	95.0	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
GE 900	77.3	79.6	89.3	93.0	94.7	95.4	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 800	77.6	79.8	89.7	93.4	95.1	95.9	97.2	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 700	77.6	79.8	89.7	93.7	95.4	96.6	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 600	77.6	79.8	89.7	93.7	95.6	96.7	98.3	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	77.6	79.8	89.7	93.7	95.6	96.7	98.3	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 400	77.6	79.8	89.7	93.7	95.6	96.7	98.3	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9
GE 300	77.6	79.8	89.7	93.7	95.6	96.7	98.3	99.1	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0
GE 200	77.6	79.8	89.7	93.7	95.6	96.7	98.3	99.1	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0
GE 100	77.6	79.8	89.7	93.7	95.6	96.7	98.3	99.1	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0
GE 000	77.6	79.8	89.7	93.7	95.6	96.7	98.3	99.1	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VESUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.0	21.1	23.3	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 20000	29.2	29.6	32.1	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 18000	29.4	29.8	32.3	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 16000	29.4	29.8	32.3	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 14000	29.6	29.9	32.4	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 12000	30.6	30.9	33.4	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 10000	32.2	32.6	35.2	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 9000	32.6	32.9	35.8	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 8000	36.1	36.7	39.6	40.1	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 7000	36.7	37.2	40.1	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 6000	36.8	37.3	40.2	40.8	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 5000	40.9	41.4	44.4	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 4500	46.0	46.7	49.8	50.4	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 4000	56.2	57.6	61.3	62.2	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 3500	65.8	67.4	71.8	72.7	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000	78.9	80.7	86.2	87.3	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	81.1	82.9	88.6	89.8	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	82.9	84.8	90.7	92.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	83.0	84.9	90.8	92.2	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1500	84.1	86.0	92.0	93.7	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	84.8	86.7	92.9	94.7	96.2	96.3	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	85.0	86.9	93.7	95.7	97.6	97.7	98.3	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	85.0	86.9	93.7	95.7	97.6	97.8	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	85.0	86.9	93.7	95.7	97.9	98.1	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	85.1	87.0	93.8	95.8	98.3	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	85.1	87.0	93.8	95.8	98.3	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	85.1	87.0	93.8	95.8	98.3	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	85.1	87.0	93.8	95.8	98.3	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	85.1	87.0	93.8	95.8	98.3	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.1	87.0	93.8	95.8	98.3	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.1	87.0	93.8	95.8	98.3	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.1	87.0	93.8	95.8	98.3	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 02
NO CEIL	19.1	19.2	21.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 20000	27.7	27.8	30.2	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 18000	27.7	27.8	30.2	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 16000	27.7	27.8	30.2	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 14000	27.8	27.9	30.3	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 12000	28.1	28.2	30.7	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 10000	30.6	30.7	33.2	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 9000	31.1	31.2	33.8	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 8000	34.9	35.1	38.1	38.9	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 7000	36.3	36.6	40.1	40.9	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 6000	36.4	36.7	40.2	41.0	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 5000	45.0	45.4	48.9	49.7	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 4500	51.0	51.3	55.2	56.0	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 4000	63.9	64.7	69.3	70.2	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3500	72.2	73.0	78.2	79.2	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	81.6	82.8	88.8	89.8	90.9	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	83.1	84.6	90.9	92.0	93.2	93.4	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	84.0	85.4	92.2	93.3	94.8	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	84.0	85.4	92.2	93.3	94.8	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	84.4	85.9	92.8	94.0	95.6	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	84.9	86.3	93.4	94.7	96.4	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	85.7	87.1	94.7	96.0	97.9	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	85.8	87.2	94.9	96.2	98.1	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	85.8	87.2	94.9	96.2	98.2	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	85.8	87.2	94.9	96.2	98.6	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	85.8	87.2	94.9	96.2	98.6	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	85.8	87.2	94.9	96.2	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.8	87.2	94.9	96.2	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.8	87.2	94.9	96.2	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.8	87.2	94.9	96.2	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.8	87.2	94.9	96.2	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.8	87.2	94.9	96.2	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	G 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.3	22.8	25.2	25.4	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 20000	31.4	32.2	35.6	36.1	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 18000	31.6	32.3	35.7	36.2	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 16000	31.6	32.3	35.7	36.2	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 14000	31.6	32.3	35.7	36.2	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 12000	31.7	32.4	35.8	36.3	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 10000	35.1	36.1	39.6	40.1	40.6	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 9000	36.2	37.2	40.7	41.2	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 8000	41.2	42.3	46.6	47.2	47.8	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 7000	42.9	44.0	48.2	49.1	49.7	49.9	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 6000	43.6	44.7	48.9	49.8	50.3	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 5000	52.4	53.7	58.4	59.6	60.1	60.3	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 4500	59.2	60.7	65.9	67.1	67.9	68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	68.8	70.3	77.0	78.7	79.6	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	73.6	75.2	82.7	84.6	85.8	86.1	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	77.1	78.9	86.9	88.9	90.7	91.0	91.7	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	77.2	79.0	87.4	89.6	91.7	92.0	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	78.1	79.9	89.0	91.2	93.6	93.9	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	78.1	79.9	89.0	91.2	93.7	94.0	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	78.7	80.4	90.0	92.2	94.7	95.0	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	79.1	80.9	90.9	93.1	96.0	96.4	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	79.4	81.2	91.9	94.1	97.0	97.4	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	79.6	81.3	92.0	94.2	97.1	97.6	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	79.9	81.8	92.4	94.7	97.6	98.0	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	79.9	81.8	92.4	94.7	97.6	98.1	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	79.9	81.8	92.4	94.7	97.6	98.1	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	79.9	81.8	92.7	94.9	97.8	98.3	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	79.9	81.8	92.8	95.0	97.9	98.4	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.9	81.8	92.8	95.0	97.9	98.4	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.9	81.8	92.8	95.0	97.9	98.4	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.9	81.8	92.8	95.0	97.9	98.4	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.9	81.8	92.8	95.0	97.9	98.4	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.8	28.3	32.7	34.2	36.2	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 20000	32.8	33.4	38.4	40.3	42.8	43.3	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 18000	32.8	33.4	38.4	40.3	42.8	43.3	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 16000	32.8	33.4	38.4	40.3	42.8	43.3	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 14000	32.8	33.4	38.4	40.3	42.8	43.3	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 12000	32.9	33.6	38.6	40.4	42.9	43.4	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 10000	35.7	36.3	41.6	43.4	46.0	46.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	36.0	36.7	42.0	43.9	46.4	47.2	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 8000	41.1	41.9	48.1	50.1	52.8	53.6	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 7000	42.2	43.0	49.2	51.2	53.9	54.7	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 6000	42.4	43.2	49.4	51.4	54.1	54.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 5000	46.8	47.6	54.2	56.4	59.3	60.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	53.6	54.3	61.9	64.3	67.4	68.3	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	60.6	61.3	69.8	72.3	76.0	76.9	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	64.0	65.0	73.7	76.3	80.8	81.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3000	67.0	68.1	76.9	79.9	84.9	86.0	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	67.6	68.8	78.0	81.0	86.0	87.2	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2000	68.4	69.7	78.9	82.0	87.2	88.6	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	68.9	70.1	79.3	82.4	87.8	89.1	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	69.9	71.1	80.8	84.0	89.4	90.8	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	70.6	71.8	81.8	85.0	91.0	92.3	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	70.9	72.1	82.1	85.4	91.7	93.0	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	71.1	72.3	82.4	85.8	92.4	93.9	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	71.7	72.9	83.2	86.6	93.2	94.7	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	71.8	73.0	83.4	86.9	93.6	95.0	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	72.0	73.2	83.8	87.2	93.9	95.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	72.0	73.2	83.9	87.3	94.0	95.4	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	72.0	73.2	84.2	87.7	94.3	95.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	72.0	73.2	84.2	87.7	94.4	95.9	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	72.0	73.2	84.2	87.7	94.4	95.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.0	73.2	84.2	87.7	94.4	95.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.0	73.2	84.2	87.7	94.4	95.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.7	22.1	25.9	27.0	28.7	29.1	29.7	30.2	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.6
GE 20000	27.4	28.0	32.5	33.8	35.7	36.2	37.0	37.5	37.6	37.7	37.8	37.8	37.8	37.8	37.9	37.9
GE 18000	27.5	28.1	32.5	33.9	35.8	36.3	37.0	37.6	37.7	37.8	37.9	37.9	37.9	37.9	38.0	38.0
GE 16000	27.5	28.1	32.5	33.9	35.8	36.3	37.0	37.6	37.7	37.8	37.9	37.9	37.9	37.9	38.0	38.0
GE 14000	27.6	28.1	32.6	33.9	35.9	36.3	37.1	37.6	37.8	37.8	37.9	37.9	38.0	38.0	38.0	38.1
GE 12000	27.9	28.4	33.0	34.3	36.3	36.7	37.5	38.0	38.1	38.2	38.4	38.4	38.4	38.4	38.5	38.5
GE 10000	30.0	30.6	35.3	36.7	38.7	39.2	40.0	40.6	40.7	40.8	41.0	41.0	41.0	41.0	41.1	41.1
GE 9000	30.5	31.1	35.9	37.3	39.4	39.9	40.8	41.3	41.5	41.6	41.7	41.7	41.7	41.8	41.8	41.9
GE 8000	34.3	35.0	40.3	41.9	44.3	44.8	45.8	46.5	46.6	46.8	46.9	46.9	46.9	46.9	47.0	47.1
GE 7000	35.4	36.1	41.6	43.3	45.7	46.2	47.3	48.0	48.1	48.2	48.4	48.4	48.4	48.4	48.5	48.6
GE 6000	35.6	36.4	42.0	43.6	46.0	46.6	47.6	48.3	48.5	48.6	48.8	48.8	48.8	48.8	48.8	48.9
GE 5000	40.6	41.4	47.3	49.1	51.6	52.2	53.3	54.0	54.2	54.3	54.5	54.5	54.5	54.5	54.6	54.7
GE 4500	45.5	46.4	52.8	54.7	57.4	58.1	59.3	60.1	60.3	60.4	60.6	60.6	60.6	60.6	60.7	60.8
GE 4000	53.3	54.3	61.6	63.7	66.7	67.4	68.7	69.5	69.7	69.9	70.1	70.2	70.2	70.2	70.3	70.4
GE 3500	58.4	59.6	67.5	69.7	73.1	73.8	75.4	76.2	76.4	76.6	76.8	76.8	76.9	76.9	77.0	77.1
GE 3000	64.5	65.8	74.3	76.7	80.6	81.5	83.1	84.0	84.2	84.5	84.7	84.7	84.8	84.8	84.9	85.0
GE 2500	65.5	67.0	75.7	78.2	82.3	83.1	84.8	85.7	85.9	86.2	86.4	86.4	86.5	86.5	86.6	86.7
GE 2000	67.1	68.6	77.7	80.4	84.6	85.5	87.1	88.1	88.3	88.5	88.8	88.8	88.9	88.9	89.0	89.1
GE 1800	67.3	68.8	77.9	80.6	84.8	85.8	87.4	88.3	88.5	88.8	89.0	89.1	89.1	89.2	89.3	89.3
GE 1500	68.5	70.0	79.6	82.4	86.8	87.8	89.5	90.4	90.6	90.9	91.1	91.2	91.2	91.3	91.4	91.4
GE 1200	69.3	70.8	80.9	83.8	88.6	89.6	91.4	92.4	92.7	93.0	93.2	93.2	93.3	93.3	93.4	93.5
GE 1000	69.7	71.2	81.7	84.7	89.7	90.7	92.6	93.7	93.9	94.2	94.5	94.5	94.6	94.6	94.7	94.8
GE 900	69.9	71.4	82.0	85.0	90.2	91.2	93.2	94.3	94.6	94.9	95.1	95.1	95.2	95.2	95.3	95.4
GE 800	70.2	71.7	82.4	85.5	90.8	91.9	94.0	95.2	95.4	95.7	95.9	96.0	96.0	96.1	96.2	96.3
GE 700	70.2	71.7	82.6	85.8	91.4	92.6	94.8	96.1	96.3	96.7	96.9	96.9	97.0	97.0	97.1	97.3
GE 600	70.3	71.8	82.8	86.0	91.7	93.0	95.4	96.7	97.0	97.4	97.6	97.6	97.7	97.7	97.9	98.0
GE 500	70.3	71.8	82.9	86.1	91.9	93.3	95.7	97.2	97.5	98.0	98.2	98.2	98.3	98.3	98.5	98.6
GE 400	70.3	71.8	83.0	86.2	92.0	93.4	95.9	97.5	97.9	98.4	98.7	98.7	98.8	98.8	99.0	99.1
GE 300	70.3	71.8	83.0	86.2	92.1	93.4	96.0	97.7	98.2	98.7	99.0	99.0	99.2	99.3	99.4	99.6
GE 200	70.3	71.8	83.0	86.2	92.1	93.4	96.1	97.8	98.3	98.8	99.1	99.2	99.3	99.4	99.7	99.9
GE 100	70.3	71.8	83.0	86.2	92.1	93.4	96.1	97.8	98.3	98.9	99.1	99.2	99.4	99.5	99.8	100.0
GE 000	70.3	71.8	83.0	86.2	92.1	93.4	96.1	97.8	98.3	98.9	99.1	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.8	31.0	38.7	40.1	44.2	45.1	46.2	46.6	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.3
GE 20000	33.7	33.9	42.2	43.7	48.5	49.5	51.2	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.8
GE 18000	33.7	33.9	42.2	43.7	48.5	49.5	51.2	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.8
GE 16000	33.7	33.9	42.2	43.7	48.5	49.5	51.2	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.8
GE 14000	33.7	33.9	42.2	43.7	48.5	49.5	51.2	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.8
GE 12000	33.8	34.0	42.3	43.8	48.6	49.6	51.3	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.9
GE 10000	35.1	35.3	43.8	45.3	50.1	51.1	52.8	53.8	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.7
GE 9000	35.3	35.5	44.1	45.6	50.4	51.4	53.1	54.1	54.3	54.6	54.7	54.7	54.7	54.7	54.7	55.1
GE 8000	39.1	39.4	48.3	49.9	54.9	55.9	57.6	58.6	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.6
GE 7000	39.5	39.7	48.6	50.2	55.3	56.2	58.0	58.9	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.9
GE 6000	39.6	39.8	48.7	50.3	55.4	56.3	58.1	59.0	59.2	59.6	59.7	59.7	59.7	59.7	59.7	60.0
GE 5000	43.3	43.5	53.2	54.8	60.2	61.2	62.9	63.9	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.8
GE 4500	49.1	49.4	60.1	61.8	67.3	68.3	70.0	71.0	71.3	71.6	71.8	71.8	71.8	71.8	71.8	72.2
GE 4000	54.2	54.4	66.2	68.3	74.0	74.9	76.8	77.7	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.9
GE 3500	56.9	57.1	69.8	71.8	77.5	78.5	80.3	81.3	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.5
GE 3000	58.4	58.6	71.5	73.5	79.2	80.4	82.3	83.3	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.5
GE 2500	60.0	60.2	73.3	75.4	81.2	82.4	84.2	85.3	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.5
GE 2000	62.0	62.3	76.0	78.4	84.2	85.4	87.3	88.6	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.8
GE 1800	62.3	62.5	76.3	78.7	84.5	85.9	87.8	89.1	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.3
GE 1500	63.7	63.9	78.6	81.0	86.9	88.4	90.4	91.7	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.9
GE 1200	64.7	64.9	79.9	82.3	88.3	89.8	91.9	93.2	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.4
GE 1000	65.2	65.4	80.4	83.1	89.4	90.9	93.2	94.5	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.7
GE 900	65.7	65.9	81.3	84.0	90.2	91.7	94.1	95.4	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.6
GE 800	65.7	65.9	81.3	84.2	90.9	92.4	94.7	96.2	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.4
GE 700	65.7	65.9	81.3	84.2	90.9	92.4	94.7	96.2	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.4
GE 600	65.7	65.9	81.3	84.2	91.0	92.5	94.8	96.5	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.6
GE 500	65.7	65.9	81.3	84.2	91.0	92.5	94.8	96.5	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.8
GE 400	65.7	65.9	81.3	84.2	91.1	92.6	95.2	97.0	97.3	97.7	98.2	98.2	98.3	98.3	98.3	98.6
GE 300	65.7	65.9	81.3	84.2	91.2	92.8	95.5	97.5	98.1	98.5	98.9	98.9	99.0	99.0	99.0	99.4
GE 200	65.7	65.9	81.3	84.2	91.2	92.8	95.5	97.5	98.2	98.6	99.0	99.0	99.1	99.2	99.2	99.8
GE 100	65.7	65.9	81.3	84.2	91.2	92.8	95.5	97.5	98.2	98.7	99.1	99.1	99.2	99.4	99.4	100.0
GE 000	65.7	65.9	81.3	84.2	91.2	92.8	95.5	97.5	98.2	98.7	99.1	99.1	99.2	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL	18.9	19.1	26.1	27.4	31.0	32.2	34.5	36.0	36.3	36.8	37.0	37.2	37.3	37.3	37.5	38.1
GE 20000	20.8	21.0	29.5	30.8	34.5	36.0	39.0	40.8	41.6	42.2	42.5	42.7	42.8	42.8	43.0	43.7
GE 18000	20.8	21.0	29.5	30.8	34.5	36.0	39.0	40.8	41.6	42.2	42.5	42.7	42.8	42.8	43.0	43.7
GE 16000	20.8	21.0	29.5	30.8	34.5	36.0	39.0	40.8	41.6	42.2	42.5	42.7	42.8	42.8	43.0	43.7
GE 14000	20.8	21.0	29.5	30.8	34.5	36.0	39.0	40.8	41.6	42.2	42.5	42.7	42.8	42.8	43.0	43.7
GE 12000	21.0	21.2	29.8	31.1	34.8	36.3	39.4	41.1	41.9	42.5	42.8	43.0	43.1	43.1	43.3	44.0
GE 10000	21.6	21.8	30.6	32.0	36.1	37.6	40.6	42.5	43.3	43.9	44.2	44.4	44.5	44.5	44.7	45.5
GE 9000	21.8	22.0	31.0	32.4	36.5	38.0	41.0	42.8	43.7	44.2	44.5	44.7	44.8	44.8	45.1	45.8
GE 8000	25.1	25.3	35.3	36.8	41.2	42.7	45.8	47.6	48.5	49.0	49.4	49.6	49.7	49.7	49.9	50.8
GE 7000	25.5	25.7	35.7	37.2	41.7	43.2	46.3	48.2	49.0	49.6	49.9	50.1	50.2	50.2	50.4	51.3
GE 6000	25.8	26.0	36.0	37.5	42.0	43.5	46.7	48.5	49.4	49.9	50.2	50.4	50.5	50.5	50.8	51.6
GE 5000	28.4	28.6	39.7	41.5	46.3	47.8	51.0	52.9	53.8	54.4	54.8	55.1	55.2	55.2	55.4	56.2
GE 4500	33.3	33.5	45.9	48.3	53.8	55.6	58.8	60.8	61.6	62.5	62.9	63.1	63.2	63.2	63.4	64.3
GE 4000	38.4	38.8	52.9	55.7	62.4	64.2	67.6	69.6	70.4	71.4	71.8	72.3	72.4	72.4	72.6	73.7
GE 3500	40.5	41.0	55.4	58.3	65.2	67.0	70.5	72.6	73.4	74.4	74.8	75.3	75.4	75.4	75.6	76.7
GE 3000	41.9	42.4	57.2	60.4	67.4	69.2	72.8	75.1	75.9	76.9	77.3	77.7	77.8	77.8	78.1	79.2
GE 2500	44.2	44.6	60.2	63.5	70.6	72.5	76.0	78.4	79.2	80.2	80.6	81.1	81.2	81.2	81.4	82.6
GE 2000	45.9	46.3	62.6	66.0	73.1	74.9	78.6	81.0	81.8	82.8	83.2	83.7	83.8	83.8	84.0	85.2
GE 1800	46.2	46.7	63.0	66.6	73.7	75.5	79.1	81.5	82.4	83.4	83.9	84.3	84.4	84.4	84.6	85.8
GE 1500	48.0	48.4	64.9	68.7	76.2	78.1	81.7	84.2	85.2	86.2	86.7	87.1	87.2	87.2	87.4	88.6
GE 1200	49.1	49.6	66.3	70.3	78.0	79.8	83.4	85.9	86.9	88.0	88.4	88.8	88.9	88.9	89.1	90.3
GE 1000	49.4	49.8	66.9	72.2	80.3	82.2	86.1	88.6	89.6	90.6	91.1	91.5	91.6	91.6	91.8	93.0
GE 900	49.9	50.3	67.7	73.0	81.3	83.1	87.1	89.6	90.5	91.6	92.0	92.5	92.6	92.6	92.8	94.0
GE 800	50.0	50.4	68.0	73.3	81.8	83.7	87.8	90.3	91.3	92.4	92.8	93.2	93.3	93.3	93.5	94.7
GE 700	50.0	50.4	68.0	73.3	82.0	84.0	88.2	90.6	91.6	92.7	93.1	93.5	93.7	93.7	93.9	95.1
GE 600	50.0	50.4	68.0	73.3	82.2	84.2	88.4	90.9	91.8	92.9	93.3	93.8	93.9	93.9	94.1	95.3
GE 500	50.0	50.4	68.0	73.3	82.7	84.8	89.1	91.6	92.8	93.9	94.4	94.8	94.9	94.9	95.2	96.3
GE 400	50.0	50.4	68.0	73.3	82.8	84.9	89.4	92.3	93.4	94.5	95.1	95.5	95.6	95.6	95.8	97.0
GE 300	50.0	50.4	68.0	73.3	82.8	84.9	89.6	92.7	93.9	95.2	95.8	96.3	96.5	96.7	96.9	98.1
GE 200	50.0	50.4	68.0	73.3	82.8	84.9	89.6	92.7	93.9	95.4	96.0	96.7	96.8	97.3	98.0	99.1
GE 100	50.0	50.4	68.0	73.3	82.8	84.9	89.6	92.7	94.0	95.5	96.1	96.8	96.9	97.4	98.2	99.9
GE 000	50.0	50.4	68.0	73.3	82.8	84.9	89.6	92.7	94.0	95.5	96.1	96.8	96.9	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFELAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.3	20.3	25.3	25.9	28.9	29.8	31.1	32.3	32.6	32.6	32.8	32.8	32.8	32.8	32.8	32.8
GE 20000	22.6	22.6	28.3	29.1	32.8	33.8	35.2	36.5	36.8	36.9	37.2	37.2	37.2	37.2	37.3	37.3
GE 18000	22.6	22.6	28.3	29.2	32.9	33.9	35.3	36.6	36.9	37.0	37.3	37.3	37.3	37.3	37.4	37.4
GE 16000	22.6	22.6	28.3	29.2	32.9	33.9	35.3	36.6	36.9	37.0	37.3	37.3	37.3	37.3	37.4	37.4
GE 14000	22.6	22.6	28.3	29.2	32.9	33.9	35.3	36.6	36.9	37.0	37.3	37.3	37.3	37.3	37.4	37.4
GE 12000	23.2	23.2	28.9	29.9	33.5	34.5	35.9	37.2	37.5	37.6	38.0	38.0	38.0	38.0	38.1	38.1
GE 10000	24.5	24.5	30.6	32.0	36.0	37.0	38.4	39.7	40.0	40.1	40.4	40.4	40.4	40.4	40.5	40.5
GE 9000	24.7	24.7	30.9	32.3	36.2	37.2	38.8	40.2	40.6	40.8	41.1	41.1	41.1	41.1	41.2	41.2
GE 8000	29.6	29.6	36.8	38.7	42.9	43.9	45.9	47.4	47.8	48.0	48.3	48.3	48.3	48.3	48.4	48.4
GE 7000	30.3	30.3	37.5	39.5	43.7	44.6	46.7	48.2	48.6	48.7	49.0	49.0	49.0	49.0	49.1	49.1
GE 6000	30.6	30.6	37.8	39.8	44.0	44.9	47.0	48.5	48.9	49.0	49.4	49.4	49.4	49.4	49.5	49.5
GE 5000	33.8	33.8	41.2	43.1	47.3	48.3	50.4	52.0	52.5	52.6	52.9	52.9	52.9	52.9	53.0	53.0
GE 4500	39.0	39.0	48.2	50.4	55.2	56.1	58.3	59.9	60.4	60.5	60.9	60.9	60.9	60.9	61.0	61.0
GE 4000	45.1	45.2	55.1	57.5	63.0	64.1	66.6	68.4	69.1	69.6	69.9	69.9	69.9	69.9	70.0	70.0
GE 3500	47.3	47.4	57.7	60.4	66.0	67.1	69.8	71.6	72.4	72.8	73.1	73.1	73.1	73.1	73.2	73.2
GE 3000	50.1	50.2	61.5	64.3	70.3	71.4	74.3	76.2	77.0	77.4	77.7	77.7	77.7	77.7	77.8	77.8
GE 2500	51.6	51.7	63.3	66.1	72.2	73.2	76.1	78.1	78.8	79.2	79.6	79.6	79.6	79.6	79.7	79.7
GE 2000	53.3	53.4	65.3	68.1	74.2	75.4	78.5	80.5	81.3	81.7	82.0	82.0	82.2	82.2	82.3	82.3
GE 1800	53.4	53.5	65.5	68.4	74.5	75.7	79.1	81.3	82.0	82.5	82.8	82.8	82.9	82.9	83.0	83.0
GE 1500	55.1	55.2	67.2	70.2	76.5	77.6	81.2	83.3	84.3	84.8	85.2	85.2	85.3	85.3	85.4	85.4
GE 1200	56.6	56.7	69.7	72.7	79.0	80.3	84.0	86.1	87.1	87.6	88.0	88.0	88.1	88.1	88.2	88.2
GE 1000	57.2	57.3	71.0	74.1	81.0	82.3	85.9	88.2	89.1	89.8	90.1	90.1	90.2	90.2	90.3	90.3
GE 900	57.2	57.3	71.2	74.4	81.4	82.7	86.3	88.6	89.6	90.2	90.5	90.5	90.6	90.6	90.8	90.8
GE 800	57.5	57.6	71.5	74.7	81.9	83.3	87.2	89.6	90.5	91.2	91.5	91.5	91.6	91.6	91.7	91.7
GE 700	57.8	58.0	72.0	75.5	83.0	84.6	88.8	91.2	92.2	92.8	93.1	93.1	93.2	93.2	93.3	93.3
GE 600	58.0	58.1	72.2	75.7	83.4	85.2	89.5	92.0	93.0	93.7	94.0	94.0	94.1	94.1	94.2	94.2
GE 500	58.0	58.1	72.3	75.8	83.7	85.6	90.3	93.2	94.2	94.9	95.3	95.4	95.5	95.5	95.7	95.7
GE 400	58.0	58.1	72.3	75.8	83.7	85.7	90.6	93.9	95.1	95.8	96.1	96.3	96.5	96.5	96.7	96.7
GE 300	58.0	58.1	72.3	75.8	83.7	85.7	90.6	94.0	95.3	96.2	96.9	97.2	97.4	97.7	98.0	98.1
GE 200	58.0	58.1	72.3	75.8	83.7	85.7	90.6	94.1	95.4	96.3	97.3	97.6	98.1	98.5	99.0	99.2
GE 100	58.0	58.1	72.3	75.8	83.7	85.7	90.6	94.1	95.4	96.3	97.3	97.6	98.1	98.5	99.1	100.0
GE 000	58.0	58.1	72.3	75.8	83.7	85.7	90.6	94.1	95.4	96.3	97.3	97.6	98.1	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 09-11

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.6	20.6	22.8	23.9	25.4	26.0	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 20000	25.5	25.5	28.5	29.6	31.4	32.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 18000	25.5	25.5	28.5	29.6	31.4	32.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 16000	25.5	25.5	28.5	29.6	31.4	32.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 14000	25.8	25.8	28.8	29.9	31.7	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 12000	25.9	25.9	28.9	30.0	31.8	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 10000	27.5	27.5	30.9	32.2	34.1	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 9000	28.7	28.7	32.0	33.3	35.3	36.1	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 8000	33.1	33.1	37.0	38.3	40.4	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 7000	33.7	33.7	37.6	38.9	41.1	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 6000	33.7	33.7	37.6	39.0	41.2	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 5000	36.5	36.5	40.5	41.9	44.2	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 4500	40.9	40.9	45.2	46.6	48.8	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 4000	48.8	48.8	53.5	55.1	57.4	58.4	59.0	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 3500	55.6	55.6	60.9	62.8	65.3	66.3	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 3000	64.7	64.8	70.9	73.1	75.9	77.1	78.0	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2500	66.7	66.9	73.0	75.4	78.6	79.8	80.6	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	71.2	71.4	78.4	80.9	84.1	85.3	86.1	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	71.7	71.9	79.0	81.5	84.7	86.0	87.0	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	73.4	73.7	81.0	83.8	87.0	88.4	89.4	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	75.6	75.8	83.4	86.5	89.9	91.4	92.4	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	75.7	75.9	84.4	87.4	91.2	92.7	93.9	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	75.7	75.9	84.4	87.5	91.3	92.8	94.1	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	75.9	76.1	84.7	88.0	91.7	93.2	94.7	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	76.2	76.5	85.4	88.9	92.9	94.5	96.1	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	76.2	76.5	85.5	89.0	93.0	94.6	96.5	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	76.6	76.8	85.9	89.5	93.7	95.4	97.3	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	76.6	76.8	85.9	89.5	93.7	95.4	97.3	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	76.6	76.8	85.9	89.5	93.7	95.5	97.5	98.6	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8
GE 200	76.6	76.8	85.9	89.5	93.7	95.5	97.5	98.6	99.0	99.5	99.6	99.7	99.8	100.0	100.0	100.0
GE 100	76.6	76.8	85.9	89.5	93.7	95.5	97.5	98.6	99.0	99.5	99.6	99.7	99.8	100.0	100.0	100.0
GE 000	76.6	76.8	85.9	89.5	93.7	95.5	97.5	98.6	99.0	99.5	99.6	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.5	20.9	22.5	23.5	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 20000	27.0	27.4	29.7	30.8	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 18000	27.0	27.4	29.7	30.8	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 16000	27.0	27.4	29.7	30.8	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 14000	27.3	27.7	30.0	31.1	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 12000	27.7	28.2	30.6	31.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 10000	29.0	29.5	32.3	33.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 9000	29.7	30.1	33.0	34.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 8000	33.8	34.3	37.2	38.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 7000	34.0	34.5	37.4	38.5	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 6000	34.3	34.8	37.7	38.8	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 5000	36.5	37.0	40.0	41.1	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 4500	44.1	44.6	47.7	48.8	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 4000	57.8	58.6	62.3	63.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 3500	66.7	67.5	71.7	72.8	74.5	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3000	75.5	76.7	81.5	83.3	85.2	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	78.5	79.7	85.2	87.1	89.0	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	81.5	82.7	88.5	90.5	92.5	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	81.5	82.7	88.5	90.5	92.5	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	83.4	84.6	90.5	92.6	94.7	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	84.2	85.4	91.8	93.9	96.1	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	84.5	85.7	92.4	94.4	96.7	97.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	84.5	85.7	92.5	94.5	96.8	97.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	84.5	85.7	92.5	94.5	96.8	97.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	84.6	85.8	92.6	94.7	97.0	97.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	84.6	85.8	92.6	94.7	97.0	97.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	84.7	85.9	92.7	94.8	97.2	98.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	84.7	85.9	92.8	94.9	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	84.7	85.9	92.8	94.9	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.7	85.9	92.8	94.9	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.7	85.9	92.8	94.9	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.7	85.9	92.8	94.9	97.3	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.0	22.2	23.7	24.0	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 20000	30.3	30.4	33.1	33.7	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 18000	30.6	30.8	33.4	34.0	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 16000	30.6	30.8	33.4	34.0	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 14000	31.0	31.1	33.8	34.3	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	31.5	31.6	34.3	34.8	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 10000	34.3	34.4	37.2	37.7	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 9000	35.5	35.6	38.5	39.0	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 8000	41.1	41.3	44.3	44.8	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 7000	41.9	42.2	45.4	45.9	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 6000	42.2	42.4	45.6	46.1	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 5000	47.2	47.4	50.9	51.5	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 4500	57.5	57.7	61.4	62.3	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4000	69.7	70.2	74.5	75.4	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	76.1	77.0	82.2	83.0	84.1	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	81.0	81.8	87.4	88.6	89.8	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	83.0	83.9	90.0	91.2	92.4	92.9	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	84.5	85.4	91.6	93.0	94.3	94.8	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	84.5	85.4	91.6	93.0	94.3	94.8	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	85.2	86.0	92.7	94.2	95.5	96.3	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	85.7	86.6	93.5	95.1	96.5	97.7	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	85.7	86.6	93.5	95.1	96.5	97.7	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	85.7	86.6	93.5	95.1	96.5	97.7	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	85.8	86.7	93.7	95.2	96.6	97.8	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	85.8	86.7	93.8	95.3	96.8	98.1	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	85.8	86.7	93.9	95.7	97.2	98.5	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	85.9	86.8	94.0	95.8	97.3	98.6	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.9	86.8	94.0	95.8	97.3	98.6	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.9	86.8	94.0	95.8	97.3	98.6	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.9	86.8	94.0	95.8	97.3	98.6	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.9	86.8	94.0	95.8	97.3	98.6	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.9	86.8	94.0	95.8	97.3	98.6	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	28.3	29.4	32.3	32.6	33.2	33.4	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 20000	36.3	37.2	40.6	41.1	41.9	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 18000	36.5	37.3	40.8	41.2	42.0	42.4	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 16000	36.5	37.3	40.8	41.2	42.0	42.4	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 14000	36.5	37.3	40.8	41.2	42.0	42.4	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 12000	36.9	37.7	41.2	41.6	42.5	42.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 10000	41.2	42.2	45.9	46.3	47.2	47.6	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 9000	42.0	43.1	46.9	47.4	48.3	48.7	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 8000	48.0	49.0	53.2	53.8	54.7	55.4	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 7000	48.2	49.2	53.4	54.0	54.9	55.6	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 6000	48.5	49.6	53.8	54.4	55.4	56.0	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	56.6	57.8	62.4	63.0	64.0	64.6	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4500	64.6	65.9	71.3	71.9	72.9	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	72.2	73.7	79.9	80.5	81.6	82.3	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	75.8	77.3	84.0	84.7	85.9	86.7	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	78.6	80.1	87.2	88.2	89.7	90.4	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	80.1	81.6	89.0	90.0	91.7	92.5	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	81.7	83.2	90.9	92.0	93.8	94.5	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800	81.8	83.3	91.0	92.2	93.9	94.6	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	82.3	83.9	92.2	93.3	95.3	96.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	82.6	84.2	92.7	93.9	95.8	96.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	82.6	84.2	92.7	93.9	95.9	96.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	82.7	84.3	92.8	94.0	96.0	96.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	82.7	84.3	92.8	94.0	96.0	96.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	82.8	84.4	92.9	94.1	96.3	97.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	82.8	84.4	92.9	94.1	96.3	97.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	82.9	84.5	93.0	94.2	96.5	97.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	82.9	84.5	93.0	94.2	96.5	97.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	82.9	84.5	93.0	94.2	96.5	97.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 200	82.9	84.5	93.0	94.2	96.5	97.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	82.9	84.5	93.0	94.2	96.5	97.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	82.9	84.5	93.0	94.2	96.5	97.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	32.4	32.7	36.6	37.8	40.3	40.4	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 20000	37.6	38.2	42.9	44.4	47.4	47.6	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 18000	37.6	38.2	42.9	44.4	47.4	47.6	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 16000	37.6	38.2	42.9	44.4	47.4	47.6	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 14000	37.6	38.2	42.9	44.4	47.4	47.6	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 12000	37.8	38.4	43.1	44.6	47.6	47.8	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000	39.6	40.1	44.8	46.3	49.4	49.6	51.1	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 9000	40.2	40.8	45.9	47.5	50.5	50.8	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 8000	44.5	45.1	50.5	52.4	55.5	55.7	57.5	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	44.8	45.4	50.9	52.7	55.8	56.0	57.8	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 6000	45.1	45.6	51.1	53.0	56.1	56.3	58.2	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 5000	50.2	50.8	56.6	58.8	61.9	62.2	64.0	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	57.5	58.1	64.6	66.9	70.2	70.4	72.3	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	63.9	64.4	72.6	75.1	78.9	79.2	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	67.0	67.5	76.0	78.5	82.6	82.9	84.9	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	68.2	68.7	77.4	80.0	84.2	84.5	86.7	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	69.5	70.0	78.7	81.4	85.7	86.0	88.4	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	70.8	71.4	80.5	83.7	88.0	88.5	91.4	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	70.9	71.5	80.6	83.8	88.1	88.8	91.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1500	72.8	73.4	82.7	86.0	90.3	91.1	94.1	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	73.5	74.2	84.0	87.4	91.9	92.7	95.7	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	73.8	74.4	84.3	87.8	92.5	93.2	96.7	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	73.9	74.5	84.4	88.1	92.7	93.5	97.0	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	73.9	74.5	84.4	88.2	92.9	93.8	97.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	73.9	74.5	84.5	88.4	93.2	94.1	97.7	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	73.9	74.5	84.5	88.4	93.2	94.1	97.7	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	73.9	74.5	84.5	88.4	93.2	94.1	97.7	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	73.9	74.5	84.5	88.4	93.2	94.1	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	73.9	74.5	84.5	88.4	93.2	94.1	98.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	73.9	74.5	84.5	88.4	93.2	94.1	98.1	99.2	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.9
GE 100	73.9	74.5	84.5	88.4	93.2	94.1	98.1	99.2	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.9
GE 000	73.9	74.5	84.5	88.4	93.2	94.1	98.1	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.3	24.5	28.5	29.4	31.4	31.9	32.7	33.1	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.5
GE 20000	29.2	29.5	34.3	35.4	37.8	38.4	39.5	40.0	40.2	40.3	40.4	40.4	40.4	40.4	40.5	40.6
GE 18000	29.3	29.6	34.4	35.4	37.9	38.5	39.5	40.1	40.3	40.4	40.4	40.5	40.5	40.5	40.5	40.6
GE 16000	29.3	29.6	34.4	35.4	37.9	38.5	39.5	40.1	40.3	40.4	40.4	40.5	40.5	40.5	40.5	40.6
GE 14000	29.4	29.7	34.5	35.6	38.0	38.6	39.7	40.2	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.8
GE 12000	29.7	30.0	34.9	35.9	38.4	39.0	40.1	40.6	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.2
GE 10000	31.6	31.9	37.0	38.2	40.7	41.4	42.4	43.1	43.2	43.3	43.4	43.5	43.5	43.5	43.5	43.7
GE 9000	32.2	32.6	37.8	39.0	41.5	42.2	43.3	43.9	44.1	44.2	44.3	44.3	44.3	44.3	44.4	44.5
GE 8000	36.8	37.1	42.8	44.1	46.9	47.6	48.8	49.4	49.6	49.7	49.8	49.9	49.9	49.9	49.9	50.1
GE 7000	37.2	37.6	43.3	44.6	47.4	48.1	49.3	49.9	50.1	50.2	50.3	50.4	50.4	50.4	50.4	50.6
GE 6000	37.5	37.8	43.5	44.9	47.6	48.3	49.6	50.2	50.4	50.5	50.6	50.6	50.6	50.6	50.7	50.8
GE 5000	41.5	41.9	48.1	49.5	52.3	53.0	54.3	54.9	55.1	55.3	55.4	55.4	55.4	55.4	55.5	55.6
GE 4500	48.3	48.6	55.6	57.1	60.2	60.9	62.2	62.8	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.6
GE 4000	56.3	56.8	64.6	66.4	69.8	70.6	72.0	72.7	73.0	73.2	73.3	73.4	73.4	73.4	73.5	73.6
GE 3500	60.7	61.3	69.7	71.5	75.1	76.0	77.5	78.2	78.4	78.7	78.8	78.9	78.9	78.9	78.9	79.1
GE 3000	64.8	65.4	74.3	76.4	80.2	81.1	82.7	83.5	83.8	84.0	84.2	84.2	84.2	84.2	84.3	84.5
GE 2500	66.7	67.3	76.6	78.8	82.7	83.6	85.2	86.0	86.3	86.6	86.7	86.7	86.8	86.8	86.8	87.0
GE 2000	68.9	69.5	79.2	81.6	85.5	86.5	88.2	89.1	89.4	89.6	89.7	89.8	89.8	89.8	89.9	90.1
GE 1800	69.0	69.7	79.4	81.8	85.8	86.8	88.6	89.5	89.7	90.0	90.1	90.2	90.2	90.2	90.3	90.5
GE 1500	70.5	71.1	81.2	83.7	87.8	88.9	90.8	91.7	92.1	92.4	92.5	92.6	92.6	92.6	92.6	92.8
GE 1200	71.5	72.2	82.7	85.2	89.4	90.6	92.6	93.6	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.6
GE 1000	71.7	72.4	83.2	86.0	90.4	91.6	93.8	94.7	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.8
GE 900	71.9	72.6	83.5	86.3	90.8	92.0	94.2	95.1	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.2
GE 800	72.0	72.7	83.6	86.5	91.1	92.3	94.6	95.6	96.0	96.3	96.4	96.5	96.5	96.5	96.5	96.7
GE 700	72.1	72.8	83.8	86.8	91.5	92.8	95.2	96.3	96.6	96.9	97.1	97.1	97.2	97.2	97.2	97.4
GE 600	72.1	72.8	83.8	86.9	91.7	93.0	95.5	96.6	97.0	97.3	97.4	97.5	97.5	97.5	97.6	97.7
GE 500	72.2	72.9	84.0	87.0	91.9	93.3	95.9	97.1	97.5	97.9	98.0	98.1	98.1	98.1	98.2	98.4
GE 400	72.2	72.9	84.0	87.0	91.9	93.4	96.1	97.5	97.9	98.3	98.4	98.5	98.5	98.5	98.6	98.8
GE 300	72.2	72.9	84.0	87.0	91.9	93.4	96.2	97.7	98.1	98.5	98.8	98.9	99.0	99.1	99.1	99.3
GE 200	72.2	72.9	84.0	87.0	91.9	93.4	96.2	97.7	98.1	98.6	98.9	99.1	99.2	99.4	99.5	99.8
GE 100	72.2	72.9	84.0	87.0	91.9	93.4	96.2	97.7	98.2	98.6	99.0	99.1	99.2	99.4	99.6	100.0
GE 000	72.2	72.9	84.0	87.0	91.9	93.4	96.2	97.7	98.2	98.7	99.0	99.1	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 00
NO CEIL	30.1	30.3	35.8	37.1	42.0	42.9	45.3	46.8	46.8	47.2	47.5	47.5	47.5	47.8	48.0	48.1
GE 20000	32.6	32.8	39.0	40.3	46.1	47.0	49.9	51.4	51.4	51.8	52.2	52.2	52.2	52.5	52.6	52.7
GE 18000	32.7	32.9	39.1	40.4	46.2	47.1	50.0	51.5	51.5	51.9	52.3	52.3	52.3	52.6	52.7	52.8
GE 16000	32.7	32.9	39.1	40.4	46.2	47.1	50.0	51.5	51.5	51.9	52.3	52.3	52.3	52.6	52.7	52.8
GE 14000	32.7	32.9	39.1	40.4	46.2	47.1	50.3	51.8	51.8	52.3	52.6	52.6	52.6	52.9	53.0	53.1
GE 12000	32.7	32.9	39.1	40.4	46.2	47.1	50.3	51.8	51.8	52.3	52.6	52.6	52.6	52.9	53.0	53.1
GE 10000	33.2	33.4	39.9	41.5	47.4	48.4	51.6	53.1	53.1	53.7	54.0	54.0	54.0	54.3	54.4	54.5
GE 9000	33.9	34.1	40.6	42.3	48.2	49.1	52.4	53.9	53.9	54.4	54.7	54.7	54.7	55.1	55.2	55.3
GE 8000	36.7	36.9	44.3	46.0	52.0	53.1	56.5	58.0	58.0	58.5	58.8	58.8	58.8	59.1	59.2	59.4
GE 7000	37.0	37.2	44.7	46.5	52.5	53.5	56.9	58.4	58.4	58.9	59.2	59.2	59.2	59.6	59.7	59.8
GE 6000	37.2	37.4	44.9	46.7	52.7	53.8	57.1	58.6	58.6	59.1	59.5	59.5	59.5	59.8	59.9	60.0
GE 5000	40.3	40.8	49.4	51.3	57.3	58.5	61.8	63.4	63.4	64.0	64.3	64.3	64.3	64.6	64.7	64.8
GE 4500	43.5	44.1	53.1	55.1	61.4	62.6	65.9	67.5	67.5	68.1	68.4	68.4	68.4	68.7	68.8	68.9
GE 4000	50.1	51.0	61.5	63.8	71.3	72.7	76.6	78.2	78.2	78.8	79.1	79.1	79.1	79.5	79.6	79.7
GE 3500	52.6	53.4	64.5	66.8	74.4	75.8	79.7	81.3	81.3	81.9	82.3	82.3	82.3	82.6	82.7	82.8
GE 3000	53.5	54.4	66.2	68.7	77.0	78.5	82.4	84.3	84.4	85.1	85.4	85.4	85.4	85.7	85.8	85.9
GE 2500	54.6	55.5	67.3	70.0	78.5	80.0	83.9	85.8	85.9	86.6	86.9	86.9	86.9	87.2	87.3	87.4
GE 2000	57.3	58.2	70.1	72.9	81.8	83.4	87.6	89.6	89.7	90.3	90.6	90.6	90.6	91.0	91.1	91.2
GE 1800	57.3	58.2	70.1	72.9	81.8	83.4	87.7	89.7	89.8	90.4	90.8	90.8	90.8	91.1	91.2	91.3
GE 1500	57.8	58.7	70.8	73.5	82.8	84.5	89.0	91.0	91.1	91.7	92.0	92.0	92.0	92.4	92.7	92.8
GE 1200	58.1	58.9	71.2	74.2	83.8	85.6	90.2	92.5	92.6	93.2	93.5	93.5	93.5	94.0	94.3	94.4
GE 1000	58.1	58.9	71.2	74.2	83.9	85.8	90.6	93.2	93.3	94.0	94.3	94.3	94.3	94.7	95.1	95.2
GE 900	58.1	58.9	71.2	74.2	83.9	85.8	90.8	93.3	93.4	94.1	94.4	94.4	94.4	94.8	95.2	95.3
GE 800	58.1	58.9	71.5	74.5	84.2	86.1	91.1	93.8	93.9	94.5	94.8	94.8	94.8	95.3	95.6	95.8
GE 700	58.2	59.0	71.6	74.6	84.3	86.2	91.7	94.4	94.6	95.3	95.6	95.6	95.6	96.0	96.3	96.6
GE 600	58.2	59.0	71.6	74.6	84.6	86.6	92.2	94.8	95.1	95.7	96.0	96.0	96.0	96.5	96.8	97.0
GE 500	58.4	59.2	71.9	74.9	84.9	86.9	92.5	95.2	95.4	96.0	96.3	96.3	96.3	96.8	97.1	97.3
GE 400	58.4	59.2	71.9	74.9	84.9	86.9	92.6	95.3	95.5	96.1	96.5	96.5	96.5	97.1	97.4	97.7
GE 300	58.4	59.2	71.9	74.9	84.9	86.9	92.9	95.8	96.1	96.9	97.2	97.3	97.3	98.0	98.4	98.8
GE 200	58.4	59.2	71.9	74.9	84.9	86.9	92.9	95.8	96.2	97.0	97.3	97.4	97.4	98.2	99.0	99.5
GE 100	58.4	59.2	71.9	74.9	84.9	86.9	92.9	95.8	96.2	97.0	97.3	97.4	97.4	98.3	99.4	100.0
GE 000	58.4	59.2	71.9	74.9	84.9	86.9	92.9	95.8	96.2	97.0	97.3	97.4	97.4	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.6	22.6	27.0	28.6	32.3	33.7	36.9	38.9	39.4	40.0	40.4	40.5	40.5	40.8	41.4	41.5
GE 20000	24.8	24.8	29.9	31.6	35.8	37.4	41.1	43.3	43.8	44.5	44.9	45.1	45.1	45.3	45.9	46.1
GE 18000	25.1	25.1	30.1	31.8	36.0	37.6	41.3	43.5	44.0	44.7	45.2	45.3	45.3	45.5	46.1	46.3
GE 16000	25.1	25.1	30.1	31.8	36.0	37.6	41.3	43.5	44.0	44.7	45.2	45.3	45.3	45.5	46.1	46.3
GE 14000	25.2	25.2	30.2	31.9	36.1	37.7	41.5	43.8	44.2	44.9	45.4	45.5	45.5	45.7	46.3	46.6
GE 12000	25.2	25.2	30.2	31.9	36.1	37.7	41.5	43.8	44.2	44.9	45.4	45.5	45.5	45.7	46.3	46.6
GE 10000	26.6	26.6	31.6	33.3	38.0	39.6	43.3	45.8	46.2	47.0	47.4	47.5	47.6	47.8	48.6	48.8
GE 9000	26.9	26.9	32.0	33.8	38.4	40.0	43.8	46.3	46.8	47.6	48.1	48.2	48.3	48.5	49.2	49.5
GE 8000	30.2	30.4	36.3	38.3	43.4	45.1	48.9	51.5	51.9	52.8	53.3	53.4	53.5	53.8	54.5	54.8
GE 7000	30.5	30.8	36.9	38.8	44.0	45.6	49.5	52.0	52.5	53.3	53.9	54.0	54.1	54.3	55.1	55.4
GE 6000	30.6	30.9	37.0	38.9	44.1	45.7	49.6	52.2	52.6	53.4	54.0	54.1	54.2	54.4	55.2	55.5
GE 5000	31.7	31.9	38.7	40.6	46.1	47.7	51.7	54.3	54.7	55.6	56.1	56.2	56.3	56.6	57.3	57.6
GE 4500	34.8	35.1	42.5	44.5	50.2	51.8	55.8	58.4	58.8	59.8	60.3	60.4	60.5	60.8	61.5	61.8
GE 4000	41.8	42.2	50.4	52.7	59.5	61.1	65.5	68.3	68.8	70.1	70.6	70.8	70.9	71.1	71.8	72.2
GE 3500	45.2	45.5	54.4	56.8	63.7	65.4	70.0	72.8	73.3	74.6	75.2	75.3	75.4	75.6	76.3	76.7
GE 3000	46.1	46.5	55.9	58.5	67.0	68.8	73.5	76.5	77.0	78.3	78.8	78.9	79.0	79.2	80.0	80.3
GE 2500	46.9	47.2	56.8	59.5	68.3	70.1	74.8	77.8	78.4	79.7	80.2	80.3	80.4	80.6	81.4	81.7
GE 2000	48.8	49.1	59.2	62.3	71.2	73.1	78.3	81.3	81.8	83.1	83.7	83.8	83.9	84.1	84.8	85.2
GE 1800	48.8	49.1	59.2	62.3	71.2	73.1	78.3	81.3	81.8	83.1	83.7	83.8	83.9	84.1	84.8	85.2
GE 1500	49.5	49.8	60.5	63.8	72.8	75.1	80.4	83.5	84.1	85.4	85.9	86.0	86.1	86.3	87.1	87.4
GE 1200	49.9	50.2	61.0	64.2	73.2	75.6	81.0	84.4	84.9	86.2	86.8	86.9	87.0	87.2	88.0	88.3
GE 1000	49.9	50.2	61.1	64.3	73.7	76.1	81.6	85.4	85.9	87.2	87.7	87.8	88.0	88.2	88.9	89.2
GE 900	49.9	50.2	61.2	64.4	73.8	76.2	81.9	85.8	86.3	87.6	88.2	88.3	88.4	88.6	89.4	89.7
GE 800	49.9	50.2	61.3	64.5	74.2	76.7	82.5	86.3	86.9	88.2	88.7	88.8	88.9	89.1	89.9	90.5
GE 700	49.9	50.2	61.3	64.7	74.5	77.0	83.2	87.6	88.3	89.6	90.1	90.2	90.3	90.5	91.3	91.9
GE 600	50.0	50.3	61.4	64.8	74.7	77.2	83.8	88.3	88.9	90.2	90.8	90.9	91.0	91.2	91.9	92.6
GE 500	50.0	50.3	61.8	65.3	75.6	78.3	84.8	89.5	90.1	91.4	91.9	92.0	92.2	92.4	93.1	93.8
GE 400	50.0	50.3	61.8	65.3	75.6	78.3	85.4	90.4	91.2	92.6	93.1	93.4	93.5	93.9	94.6	95.4
GE 300	50.0	50.3	61.8	65.3	75.6	78.3	85.7	91.0	91.7	93.1	93.7	94.1	94.3	94.8	95.7	96.5
GE 200	50.0	50.3	61.8	65.3	75.6	78.3	85.7	91.0	91.8	93.3	93.9	94.3	94.5	95.1	96.3	98.0
GE 100	50.0	50.3	61.8	65.3	75.6	78.3	85.7	91.0	91.8	93.3	93.9	94.3	94.5	95.3	97.3	99.7
GE 000	50.0	50.3	61.8	65.3	75.6	78.3	85.7	91.0	91.8	93.3	93.9	94.3	94.5	95.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 06-08

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL	18.3	18.4	21.8	24.4	26.7	27.7	29.0	30.3	30.9	31.7	32.2	32.2	32.3	32.3	32.3	32.6
GE 20000	21.4	21.5	26.2	29.1	31.9	33.0	34.5	36.1	36.7	37.5	38.0	38.0	38.1	38.2	38.2	38.6
GE 18000	21.4	21.5	26.2	29.1	31.9	33.0	34.5	36.1	36.7	37.5	38.0	38.0	38.1	38.2	38.2	38.6
GE 16000	21.5	21.6	26.3	29.2	32.0	33.1	34.6	36.2	36.8	37.6	38.1	38.1	38.2	38.3	38.3	38.7
GE 14000	21.9	22.0	26.8	29.7	32.6	33.7	35.2	36.8	37.3	38.2	38.6	38.6	38.7	38.8	38.8	39.2
GE 12000	22.0	22.2	26.9	29.8	32.7	33.8	35.3	36.9	37.4	38.3	38.7	38.7	38.8	38.9	38.9	39.4
GE 10000	25.4	25.6	30.9	33.9	36.9	38.4	40.0	42.0	42.6	43.5	44.1	44.1	44.2	44.3	44.4	44.8
GE 9000	25.8	26.0	31.3	34.4	37.5	39.1	40.9	43.1	43.7	44.6	45.2	45.2	45.3	45.4	45.5	45.9
GE 8000	29.4	29.7	35.5	38.8	42.3	44.0	46.0	48.5	49.2	50.5	51.1	51.1	51.2	51.3	51.5	51.9
GE 7000	29.9	30.2	36.5	39.8	43.3	45.1	47.1	49.6	50.3	51.6	52.2	52.2	52.3	52.4	52.6	53.0
GE 6000	29.9	30.2	36.5	39.8	43.3	45.1	47.1	49.6	50.3	51.6	52.2	52.2	52.3	52.4	52.6	53.0
GE 5000	31.9	32.3	39.2	42.6	46.6	48.3	50.5	53.1	53.9	55.2	55.7	55.7	55.8	55.9	56.1	56.6
GE 4500	34.6	34.9	42.5	46.0	50.0	51.7	54.1	56.9	57.6	58.9	59.5	59.5	59.6	59.7	59.9	60.3
GE 4000	41.1	41.4	50.0	53.9	58.6	60.5	63.0	65.9	66.7	68.4	69.1	69.2	69.4	69.5	69.8	70.2
GE 3500	43.3	43.8	52.9	57.0	62.4	64.3	67.0	70.0	70.8	72.5	73.2	73.3	73.4	73.5	73.9	74.3
GE 3000	46.6	47.0	56.8	61.0	66.7	68.8	71.5	74.6	75.5	77.3	78.1	78.2	78.3	78.4	78.7	79.1
GE 2500	47.7	48.3	58.2	62.4	68.3	70.4	73.1	76.2	77.1	78.9	79.7	79.8	79.9	80.0	80.3	80.8
GE 2000	48.9	49.5	60.5	64.8	71.2	73.3	76.5	79.6	80.4	82.3	83.0	83.1	83.2	83.3	83.7	84.1
GE 1800	49.0	49.7	60.8	65.1	71.5	73.7	76.8	79.9	80.8	82.6	83.3	83.4	83.5	83.7	84.0	84.4
GE 1500	49.7	50.3	62.3	66.7	73.4	75.7	78.9	82.0	82.9	84.7	85.5	85.6	85.7	85.8	86.1	86.6
GE 1200	50.8	51.5	63.9	68.3	75.2	77.5	80.9	84.1	85.1	86.9	87.6	87.7	87.8	88.0	88.3	88.7
GE 1000	51.0	51.7	64.2	68.7	76.2	78.9	82.5	85.8	86.8	88.6	89.4	89.5	89.6	89.7	90.0	90.4
GE 900	51.2	51.9	64.4	69.0	76.9	79.6	83.1	86.6	87.5	89.4	90.1	90.2	90.3	90.4	90.8	91.2
GE 800	51.4	52.2	64.9	69.6	77.4	80.1	83.7	87.1	88.2	90.0	90.8	90.9	91.0	91.1	91.4	91.9
GE 700	51.5	52.3	65.3	69.9	78.0	80.9	85.4	88.8	89.9	91.7	92.5	92.6	92.7	92.8	93.1	93.7
GE 600	51.5	52.3	65.3	69.9	78.2	81.2	85.8	89.4	90.4	92.3	93.0	93.1	93.2	93.3	93.7	94.2
GE 500	51.5	52.3	65.5	70.1	78.6	81.7	86.7	90.6	91.8	93.8	94.5	94.6	94.7	94.8	95.2	95.7
GE 400	51.5	52.3	65.6	70.2	78.8	81.9	87.1	91.5	92.7	94.7	95.6	95.7	95.8	95.9	96.2	96.8
GE 300	51.5	52.3	65.6	70.2	78.8	82.0	87.2	91.7	92.9	94.9	95.8	96.0	96.3	96.5	96.9	97.4
GE 200	51.5	52.3	65.6	70.2	78.8	82.0	87.2	91.7	92.9	95.1	96.0	96.5	96.8	97.0	97.4	98.7
GE 100	51.5	52.3	65.6	70.2	78.8	82.0	87.2	91.7	92.9	95.1	96.0	96.6	97.0	97.3	97.8	99.8
GE 000	51.5	52.3	65.6	70.2	78.8	82.0	87.2	91.7	92.9	95.1	96.0	96.6	97.0	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.3	22.7	25.3	26.9	27.7	28.1	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 20000	27.5	28.0	31.4	33.3	34.8	35.2	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000	27.7	28.2	31.7	33.7	35.2	35.5	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 16000	27.7	28.2	31.7	33.7	35.2	35.5	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 14000	27.7	28.2	31.7	33.7	35.2	35.5	36.0	36.3	36.3	36.3	36.3	36.3	36.3	6.3	36.3	36.3
GE 12000	28.1	28.5	32.0	34.1	35.6	35.9	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 10000	31.0	31.4	35.4	37.6	39.2	39.6	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 9000	31.4	31.8	36.3	38.6	40.3	40.6	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 8000	33.1	33.8	38.5	40.9	42.7	43.0	43.7	44.1	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 7000	34.6	35.3	40.2	42.6	44.4	44.7	45.4	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 6000	34.7	35.4	40.3	42.7	44.5	44.8	45.5	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 5000	37.2	37.8	43.3	46.0	48.2	48.5	49.1	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 4500	41.6	42.5	48.1	50.8	52.9	53.2	53.9	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 4000	48.9	49.9	56.1	59.0	61.4	61.8	62.5	62.9	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2
GE 3500	55.3	56.2	62.7	65.7	68.5	68.9	69.6	70.0	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3
GE 3000	63.7	64.6	71.5	74.8	78.0	78.4	79.1	79.6	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9
GE 2500	66.8	67.8	75.2	78.5	81.7	82.2	82.9	83.3	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7
GE 2000	69.6	70.9	79.2	82.6	85.8	86.2	87.0	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7
GE 1800	70.1	71.4	79.8	83.1	86.3	86.8	87.5	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3
GE 1500	72.4	73.7	82.4	85.8	89.6	90.2	91.2	91.6	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE 1200	73.2	74.5	84.0	87.4	91.6	92.6	93.9	94.4	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8
GE 1000	73.7	74.9	84.6	88.3	92.6	93.8	95.1	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3
GE 900	73.9	75.2	84.8	88.5	92.8	94.0	95.3	96.0	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6
GE 800	74.4	75.7	85.5	89.1	93.4	94.6	96.0	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 700	74.4	75.7	85.6	89.4	93.8	94.9	96.3	97.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6
GE 600	74.4	75.7	85.7	89.5	94.0	95.3	96.9	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3
GE 500	74.4	75.7	85.8	89.6	94.1	95.4	97.1	98.1	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9
GE 400	74.4	75.7	85.9	89.7	94.2	95.5	97.3	98.4	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4
GE 300	74.4	75.7	85.9	89.7	94.2	95.5	97.3	98.4	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8
GE 200	74.4	75.7	85.9	89.7	94.2	95.5	97.3	98.4	98.7	99.5	99.5	99.8	99.8	100.0	100.0	100.0
GE 100	74.4	75.7	85.9	89.7	94.2	95.5	97.3	98.4	98.7	99.5	99.5	99.8	99.8	100.0	100.0	100.0
GE 000	74.4	75.7	85.9	89.7	94.2	95.5	97.3	98.4	98.7	99.5	99.5	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 MAY 88
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.5	21.6	24.7	25.3	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 20000	29.4	29.5	33.4	34.0	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 18000	29.8	29.9	33.9	34.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 16000	29.8	29.9	33.9	34.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 14000	29.9	30.1	34.1	34.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 12000	29.9	30.1	34.4	34.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 10000	31.2	31.4	36.2	36.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 9000	31.6	31.8	37.0	37.5	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 8000	34.3	34.5	39.9	40.5	41.8	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 7000	34.8	35.1	40.4	41.1	42.4	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 6000	34.9	35.2	40.5	41.2	42.5	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 5000	39.2	39.6	45.4	46.1	47.4	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 4500	45.5	45.8	52.2	52.9	54.2	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 4000	56.1	56.6	63.9	64.6	65.9	66.2	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3500	65.9	66.3	74.2	75.2	76.5	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	74.6	75.3	83.8	84.8	86.2	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	78.5	79.1	88.1	89.4	90.8	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	80.5	81.3	90.3	91.7	93.1	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	80.5	81.3	90.5	92.0	93.4	93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1500	81.4	82.2	91.6	93.5	95.4	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	82.3	83.0	92.7	94.7	97.1	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	82.7	83.4	93.3	95.4	97.7	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	82.8	83.5	93.4	95.5	97.8	98.4	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	82.8	83.5	93.7	95.7	98.1	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	82.8	83.5	93.7	95.7	98.1	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	82.8	83.5	93.8	95.8	98.2	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	82.8	83.5	93.8	95.8	98.2	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	82.8	83.5	93.8	95.8	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.8	83.5	93.8	95.8	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.8	83.5	93.8	95.8	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.8	83.5	93.8	95.8	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.8	83.5	93.8	95.8	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM

PERIOD OF RECORD: JUN 78 - MAY 88

1ST TO UTC: 0

MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.0	24.2	27.6	28.0	28.3	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 20300	31.2	31.4	35.9	36.2	36.6	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	31.3	31.5	36.0	36.3	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 16000	31.3	31.5	36.0	36.3	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 14000	31.4	31.6	36.1	36.5	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 12000	32.2	32.4	36.9	37.2	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 10000	35.8	36.2	41.2	41.5	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 9000	36.2	36.7	41.6	41.9	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 8000	39.2	39.9	45.2	45.7	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 7000	40.6	41.4	46.7	47.2	47.8	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	40.9	41.6	46.9	47.4	48.1	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 5000	47.6	48.5	54.3	54.8	55.5	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 4500	54.3	55.4	61.4	61.9	62.6	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 4000	66.5	67.5	74.2	75.3	76.1	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	73.0	74.1	81.0	82.0	82.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	78.0	79.1	86.6	88.0	88.9	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	81.7	82.9	90.6	92.2	93.2	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	83.9	85.1	93.1	94.7	95.8	95.9	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	84.1	85.3	93.3	94.9	96.0	96.1	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	84.3	85.5	93.8	95.6	97.0	97.1	97.6	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	84.3	85.5	93.9	95.7	97.2	97.3	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	84.3	85.5	94.2	96.0	97.7	97.8	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	84.3	85.5	94.2	96.0	97.7	97.8	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	84.3	85.5	94.3	96.1	97.8	98.0	98.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	84.3	85.5	94.4	96.2	98.1	98.2	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	84.3	85.5	94.4	96.2	98.4	98.5	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	84.3	85.5	94.4	96.2	98.4	98.5	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	84.3	85.5	94.4	96.2	98.4	98.5	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	84.3	85.5	94.4	96.2	98.4	98.5	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	84.3	85.5	94.4	96.2	98.4	98.5	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.3	85.5	94.4	96.2	98.4	98.5	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.3	85.5	94.4	96.2	98.4	98.5	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.8	27.4	30.4	31.8	32.9	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	33.0	33.7	37.8	39.5	41.1	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 18000	33.0	33.7	37.8	39.5	41.1	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 16000	33.1	33.8	38.0	39.6	41.2	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 14000	33.1	33.8	38.0	39.6	41.2	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 12000	33.5	34.2	38.4	40.0	41.6	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000	37.5	38.6	43.3	45.1	47.0	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 9000	38.3	39.4	44.4	46.1	48.2	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 8000	42.4	43.4	49.0	50.9	53.0	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 7000	43.8	44.8	50.8	52.6	54.8	55.2	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
GE 6000	44.3	45.4	51.3	53.1	55.4	55.7	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1
GE 5000	50.2	51.4	58.1	59.9	62.8	63.1	63.3	63.4	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
GE 4500	54.7	55.9	62.7	64.6	67.6	68.0	68.2	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	64.8	66.3	74.7	76.8	80.2	80.5	80.8	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	70.1	71.6	81.0	83.2	87.0	87.3	87.7	87.8	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	72.8	74.4	84.1	86.3	90.1	90.4	91.0	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	74.5	76.1	85.9	88.3	92.0	92.4	92.9	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000	75.8	77.4	87.5	90.0	93.9	94.2	94.7	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800	76.1	77.7	87.8	90.3	94.2	94.5	95.2	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	76.7	78.3	88.5	91.0	95.3	95.6	96.3	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	76.9	78.5	88.7	91.3	95.8	96.1	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	77.1	78.7	89.2	91.8	96.3	96.7	97.4	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	77.1	78.7	89.4	91.9	96.5	96.8	97.5	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	77.1	78.7	89.4	91.9	96.5	96.8	97.5	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	77.1	78.7	89.4	91.9	96.6	96.9	97.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	77.1	78.7	89.4	91.9	96.7	97.1	98.1	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	77.1	78.7	89.4	91.9	96.7	97.1	98.1	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	77.1	78.7	89.4	91.9	96.7	97.1	98.1	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	77.1	78.7	89.4	91.9	96.7	97.1	98.1	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	77.1	78.7	89.4	91.9	96.7	97.1	98.1	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	77.1	78.7	89.4	91.9	96.7	97.1	98.1	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.1	78.7	89.4	91.9	96.7	97.1	98.1	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	33.1	33.8	40.0	41.6	45.3	45.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0
GE 20000	35.9	36.6	43.3	45.1	49.9	50.2	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8
GE 18000	35.9	36.6	43.3	45.1	49.9	50.2	51.3	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
GE 16000	35.9	36.6	43.3	45.1	49.9	50.2	51.3	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
GE 14000	35.9	36.6	43.3	45.1	49.9	50.3	51.4	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
GE 12000	36.1	36.8	43.5	45.3	50.1	50.5	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
GE 10000	37.1	38.0	44.9	46.7	51.9	52.5	53.5	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 9000	37.7	38.7	46.0	47.7	53.0	53.5	54.6	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
GE 8000	40.4	41.5	49.2	51.1	56.3	56.9	58.0	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
GE 7000	40.9	41.9	49.7	51.5	56.8	57.3	58.4	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
GE 6000	41.5	42.6	50.3	52.2	57.4	58.0	59.0	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 5000	46.6	47.7	56.6	58.6	64.2	64.9	66.0	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0
GE 4500	50.6	51.8	60.9	63.0	68.9	69.7	70.8	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.8
GE 4000	57.1	58.4	69.6	72.0	78.5	79.4	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.5
GE 3500	60.8	62.0	73.7	76.1	83.4	84.3	85.4	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.5
GE 3000	63.3	64.6	76.7	79.7	87.0	87.8	89.0	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.2
GE 2500	64.3	65.6	77.8	81.0	88.3	89.1	90.3	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.5
GE 2000	66.6	67.8	80.6	84.0	91.4	92.3	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.9
GE 1800	66.7	68.0	80.8	84.1	91.5	92.4	93.9	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.1
GE 1500	67.2	68.5	81.4	84.8	92.6	93.4	94.9	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.2
GE 1200	67.5	68.8	81.8	85.4	93.2	94.1	95.7	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.0
GE 1000	67.6	68.9	81.9	85.7	93.5	94.4	96.0	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3
GE 900	67.6	68.9	82.0	85.8	93.7	94.5	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4
GE 800	67.6	68.9	82.4	86.1	94.0	94.8	96.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7
GE 700	67.6	68.9	82.6	86.5	94.4	95.3	97.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 600	67.6	68.9	82.6	86.5	94.4	95.3	97.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
GE 500	67.6	68.9	82.6	86.5	94.4	95.3	97.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
GE 400	67.6	68.9	82.6	86.5	94.6	95.6	97.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4
GE 300	67.6	68.9	82.6	86.5	94.6	95.6	97.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
GE 200	67.6	68.9	82.6	86.5	94.6	95.6	97.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7
GE 100	67.6	68.9	82.7	86.7	94.8	95.8	97.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	67.6	68.9	82.7	86.7	94.8	95.8	97.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.8	25.1	29.1	30.5	32.7	33.2	34.3	35.0	35.1	35.3	35.5	35.5	35.5	35.6	35.7	35.8
GE 20000	29.5	29.8	34.6	36.1	38.9	39.5	40.8	41.5	41.6	41.9	42.0	42.1	42.1	42.2	42.2	42.4
GE 18000	29.6	29.9	34.8	36.3	39.0	39.6	40.9	41.7	41.8	42.1	42.2	42.2	42.2	42.3	42.4	42.5
GE 16000	29.6	29.9	34.8	36.3	39.1	39.7	40.9	41.7	41.8	42.1	42.2	42.2	42.3	42.3	42.4	42.5
GE 14000	29.7	30.0	34.9	36.4	39.2	39.8	41.1	41.9	42.0	42.3	42.4	42.4	42.4	42.5	42.6	42.7
GE 12000	30.0	30.3	35.2	36.7	39.5	40.1	41.4	42.2	42.3	42.6	42.7	42.7	42.7	42.8	42.9	43.0
GE 10000	32.2	32.6	37.9	39.5	42.5	43.2	44.5	45.4	45.5	45.8	46.0	46.0	46.0	46.1	46.2	46.3
GE 9000	32.7	33.2	38.7	40.3	43.4	44.1	45.4	46.3	46.5	46.7	46.9	46.9	46.9	47.0	47.2	47.3
GE 8000	35.7	36.3	42.2	44.0	47.2	48.0	49.4	50.3	50.5	50.9	51.0	51.1	51.1	51.2	51.3	51.4
GE 7000	36.5	37.1	43.2	45.0	48.3	49.0	50.4	51.4	51.5	51.9	52.1	52.1	52.1	52.2	52.3	52.5
GE 6000	36.8	37.3	43.5	45.2	48.5	49.2	50.6	51.6	51.8	52.2	52.3	52.4	52.4	52.5	52.6	52.7
GE 5000	40.6	41.3	48.1	50.0	53.5	54.3	55.7	56.7	57.0	57.3	57.5	57.5	57.6	57.6	57.8	57.9
GE 4500	45.0	45.7	52.9	54.9	58.5	59.2	60.7	61.8	62.0	62.4	62.6	62.6	62.6	62.7	62.8	63.0
GE 4000	53.3	54.2	62.6	64.8	68.9	69.8	71.4	72.5	72.8	73.3	73.5	73.5	73.5	73.6	73.8	73.9
GE 3500	58.3	59.1	68.0	70.3	74.8	75.7	77.4	78.5	78.8	79.3	79.5	79.5	79.5	79.6	79.8	79.9
GE 3000	62.3	63.2	72.7	75.2	80.1	81.0	82.8	84.0	84.3	84.8	85.0	85.0	85.1	85.1	85.3	85.4
GE 2500	64.4	65.3	75.0	77.6	82.6	83.6	85.4	86.6	86.9	87.4	87.6	87.6	87.6	87.7	87.9	88.0
GE 2000	66.4	67.4	77.6	80.4	85.5	86.5	88.5	89.7	90.0	90.5	90.7	90.8	90.8	90.9	91.0	91.2
GE 1800	66.6	67.6	77.8	80.6	85.8	86.7	88.7	90.0	90.3	90.8	91.0	91.0	91.0	91.1	91.3	91.4
GE 1500	67.4	68.4	78.9	81.8	87.4	88.4	90.5	91.8	92.1	92.6	92.8	92.9	92.9	93.0	93.2	93.3
GE 1200	67.9	68.9	79.6	82.6	88.4	89.5	91.7	93.1	93.4	94.0	94.2	94.2	94.2	94.3	94.5	94.7
GE 1000	68.0	69.0	80.0	83.1	89.0	90.2	92.5	94.0	94.3	94.8	95.1	95.1	95.1	95.1	95.4	95.5
GE 900	68.1	69.1	80.1	83.2	89.1	90.4	92.7	94.3	94.6	95.1	95.3	95.3	95.4	95.5	95.6	95.8
GE 800	68.2	69.2	80.4	83.5	89.4	90.7	93.1	94.7	95.0	95.5	95.7	95.8	95.8	95.9	96.1	96.3
GE 700	68.2	69.2	80.5	83.6	89.7	91.0	93.7	95.4	95.8	96.3	96.5	96.6	96.6	96.7	96.9	97.1
GE 600	68.2	69.2	80.5	83.7	89.9	91.3	94.0	95.8	96.2	96.8	97.0	97.0	97.0	97.1	97.3	97.5
GE 500	68.3	69.3	80.6	83.8	90.1	91.5	94.4	96.3	96.6	97.2	97.4	97.5	97.5	97.6	97.8	98.0
GE 400	68.3	69.3	80.7	83.8	90.2	91.6	94.6	96.6	97.0	97.6	97.8	97.9	98.0	98.1	98.3	98.5
GE 300	68.3	69.3	80.7	83.8	90.2	91.6	94.7	96.8	97.2	97.9	98.1	98.3	98.3	98.5	98.7	99.0
GE 200	68.3	69.3	80.7	83.8	90.2	91.6	94.7	96.8	97.3	98.0	98.2	98.4	98.5	98.7	99.0	99.5
GE 100	68.3	69.3	80.7	83.8	90.2	91.7	94.7	96.8	97.3	98.1	98.3	98.5	98.5	98.8	99.3	99.9
GE 000	68.3	69.3	80.7	83.8	90.2	91.7	94.7	96.8	97.3	98.1	98.3	98.5	98.5	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	32.2	32.7	38.6	41.1	47.2	47.8	49.9	50.9	51.1	51.2	51.7	51.7	52.1	52.2	52.3	52.3
GE 20000	34.7	35.1	41.3	44.2	50.9	51.4	53.9	55.0	55.2	55.6	56.0	56.0	56.4	56.6	56.7	56.7
GE 18000	34.7	35.1	41.3	44.2	50.9	51.4	53.9	55.0	55.2	55.6	56.0	56.0	56.4	56.6	56.7	56.7
GE 16000	34.7	35.1	41.3	44.2	50.9	51.4	53.9	55.0	55.2	55.6	56.0	56.0	56.4	56.6	56.7	56.7
GE 14000	34.7	35.1	41.3	44.2	50.9	51.4	53.9	55.0	55.2	55.6	56.0	56.0	56.4	56.6	56.7	56.7
GE 12000	34.7	35.1	41.3	44.2	50.9	51.4	53.9	55.0	55.2	55.6	56.0	56.0	56.4	56.6	56.7	56.7
GE 10000	36.1	36.6	43.2	46.2	53.6	54.2	56.8	57.9	58.1	58.4	58.9	58.9	59.3	59.6	59.7	59.7
GE 9000	37.3	37.8	44.7	47.7	55.1	55.8	58.8	59.9	60.1	60.4	60.9	60.9	61.3	61.6	61.7	61.7
GE 8000	39.4	39.9	47.3	50.8	59.2	59.9	62.9	64.0	64.2	64.6	65.0	65.0	65.4	65.7	65.8	65.8
GE 7000	39.8	40.2	47.7	51.1	59.6	60.2	63.2	64.3	64.6	64.9	65.3	65.3	65.8	66.0	66.1	66.1
GE 6000	39.9	40.3	47.8	51.2	59.7	60.3	63.3	64.4	64.7	65.0	65.4	65.4	65.9	66.1	66.2	66.2
GE 5000	42.2	42.7	50.8	54.6	63.0	63.7	66.7	67.8	68.0	68.3	68.8	68.8	69.2	69.4	69.6	69.6
GE 4500	44.3	44.9	53.4	57.4	66.6	67.2	70.2	71.3	71.6	71.9	72.3	72.3	72.8	73.0	73.1	73.1
GE 4000	50.1	50.8	60.4	64.7	74.1	74.8	77.9	79.3	79.6	79.9	80.3	80.3	80.8	81.0	81.1	81.1
GE 3500	52.8	53.6	63.6	67.9	77.7	78.3	81.9	83.3	83.6	83.9	84.3	84.3	84.8	85.0	85.1	85.1
GE 3000	54.3	55.1	65.3	69.7	79.8	80.4	84.2	85.7	85.9	86.6	87.0	87.0	87.4	87.7	87.8	87.8
GE 2500	55.1	55.9	66.3	70.7	80.9	81.6	85.3	86.8	87.0	87.7	88.1	88.1	88.6	88.8	88.9	88.9
GE 2000	56.8	57.7	68.2	72.7	82.9	83.6	87.4	88.9	89.1	89.8	90.2	90.2	90.7	90.9	91.0	91.0
GE 1800	56.8	57.7	68.2	72.7	82.9	83.6	87.4	88.9	89.1	89.8	90.2	90.2	90.7	90.9	91.0	91.0
GE 1500	57.9	58.8	69.8	74.2	84.9	85.6	89.9	91.7	91.9	92.6	93.0	93.0	93.4	93.7	93.8	93.8
GE 1200	57.9	58.8	70.2	74.8	86.0	86.7	91.0	92.8	93.0	93.7	94.1	94.1	94.6	94.8	94.9	94.9
GE 1000	57.9	58.8	70.2	74.8	86.0	86.7	91.0	93.1	93.3	94.0	94.4	94.4	94.9	95.1	95.2	95.2
GE 900	57.9	58.8	70.2	74.8	86.1	86.9	91.3	93.4	93.7	94.3	94.8	94.8	95.2	95.4	95.6	95.6
GE 800	57.9	58.8	70.2	74.9	86.3	87.3	91.8	93.9	94.1	94.8	95.2	95.2	95.7	95.9	96.0	96.0
GE 700	57.9	58.9	70.6	75.2	86.8	87.8	92.4	94.6	94.8	95.4	95.9	95.9	96.3	96.6	96.7	96.7
GE 600	57.9	58.9	70.6	75.2	87.1	88.3	93.0	95.3	95.7	96.3	96.8	96.8	97.2	97.6	97.7	97.7
GE 500	57.9	58.9	70.9	75.6	87.4	88.7	93.6	96.0	96.4	97.3	97.8	97.8	98.2	98.6	98.7	98.7
GE 400	57.9	58.9	70.9	75.6	87.4	88.7	93.6	96.0	96.4	97.3	97.9	97.9	98.3	98.7	98.8	98.8
GE 300	57.9	58.9	70.9	75.6	87.4	88.7	93.6	96.0	96.6	97.7	98.2	98.2	98.8	99.1	99.2	99.2
GE 200	57.9	58.9	70.9	75.6	87.4	88.7	93.7	96.1	96.7	97.8	98.3	98.3	99.0	99.3	99.4	99.4
GE 100	57.9	58.9	70.9	75.6	87.4	88.7	93.7	96.1	96.7	97.8	98.3	98.3	99.0	99.3	99.4	99.8
GE 000	57.9	58.9	70.9	75.6	87.4	88.7	93.7	96.1	96.7	97.8	98.3	98.4	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL	26.8	26.9	30.0	33.0	36.9	37.8	40.8	41.9	42.7	43.2	43.7	43.9	44.2	44.8	45.2	45.9
GE 20000	30.1	30.3	34.1	37.4	42.0	42.9	46.3	47.8	48.7	49.3	49.8	50.0	50.3	50.9	51.3	52.0
GE 18000	30.1	30.3	34.1	37.4	42.0	42.9	46.3	47.8	48.7	49.3	49.8	50.0	50.3	50.9	51.3	52.0
GE 16000	30.1	30.3	34.1	37.4	42.0	42.9	46.3	47.8	48.7	49.3	49.8	50.0	50.3	50.9	51.3	52.0
GE 14000	30.1	30.3	34.1	37.4	42.0	42.9	46.3	47.8	48.7	49.3	49.8	50.0	50.3	50.9	51.3	52.0
GE 12000	30.1	30.3	34.1	37.4	42.0	42.9	46.3	47.8	48.7	49.3	49.8	50.0	50.3	50.9	51.3	52.0
GE 10000	31.3	31.7	35.4	38.8	43.7	44.6	48.1	49.7	50.6	51.2	51.7	51.9	52.2	52.8	53.2	53.9
GE 9000	32.2	32.6	36.3	39.7	44.6	45.4	49.3	50.9	51.8	52.4	52.9	53.1	53.4	54.0	54.4	55.1
GE 8000	33.9	34.2	38.2	42.3	47.8	49.0	52.9	54.4	55.3	56.0	56.4	56.7	57.1	57.7	58.1	58.8
GE 7000	34.2	34.6	38.6	42.7	48.1	49.3	53.2	54.8	55.7	56.3	56.8	57.0	57.4	58.0	58.4	59.1
GE 6000	34.3	34.7	38.7	42.9	48.4	49.7	53.6	55.1	56.0	56.7	57.1	57.3	57.8	58.3	58.8	59.4
GE 5000	36.8	37.1	41.7	46.0	51.9	53.3	57.2	58.8	59.7	60.3	60.8	61.0	61.4	62.0	62.4	63.1
GE 4500	39.2	39.6	44.8	49.2	55.9	57.4	61.8	63.8	64.7	65.3	65.8	66.0	66.4	67.0	67.4	68.1
GE 4000	44.4	44.8	50.7	55.1	62.9	64.6	69.0	71.0	71.9	72.6	73.0	73.2	73.7	74.2	74.7	75.3
GE 3500	47.8	48.1	54.2	58.8	67.0	68.7	73.2	75.3	76.2	76.9	77.3	77.6	78.0	78.6	79.0	79.7
GE 3000	50.2	50.6	57.4	62.1	70.4	72.2	77.0	79.6	80.6	81.2	81.7	81.9	82.3	82.9	83.3	84.0
GE 2500	52.1	52.4	59.6	64.2	72.7	74.4	79.2	81.8	82.8	83.4	83.9	84.1	84.6	85.2	85.7	86.3
GE 2000	54.0	54.4	61.9	66.7	75.3	77.2	82.0	84.8	85.8	86.4	86.9	87.1	87.7	88.3	88.8	89.4
GE 1800	54.1	54.6	62.2	67.0	75.7	77.6	82.3	85.1	86.1	86.8	87.2	87.4	88.0	88.7	89.1	89.8
GE 1500	55.2	55.7	63.6	68.4	77.2	79.7	84.7	87.4	88.6	89.6	90.0	90.2	90.8	91.4	91.9	92.6
GE 1200	55.6	56.0	64.0	68.9	77.8	80.2	85.4	88.2	89.3	90.3	90.8	91.0	91.6	92.2	92.7	93.3
GE 1000	56.0	56.4	64.4	69.3	78.2	80.7	85.9	88.7	89.8	90.8	91.2	91.4	92.0	92.7	93.1	93.8
GE 900	56.1	56.6	64.6	69.6	78.4	80.9	86.4	89.4	90.6	91.6	92.0	92.2	92.8	93.4	93.9	94.6
GE 800	56.1	56.6	64.6	69.6	78.7	81.1	86.7	89.7	90.8	91.8	92.2	92.4	93.0	93.7	94.1	94.8
GE 700	56.1	56.6	64.6	69.7	79.1	81.6	87.2	90.2	91.3	92.4	92.9	93.1	93.7	94.3	94.8	95.4
GE 600	56.1	56.6	64.6	69.7	79.2	81.7	87.7	90.9	92.2	93.3	93.8	94.0	94.6	95.2	95.7	96.3
GE 500	56.1	56.6	64.6	69.8	79.8	82.2	88.6	91.9	93.2	94.3	94.8	95.0	95.6	96.2	96.7	97.3
GE 400	56.1	56.6	64.6	69.8	79.8	82.2	88.6	91.9	93.2	94.3	94.8	95.0	95.6	96.2	96.7	97.3
GE 300	56.1	56.6	64.6	69.8	79.8	82.3	88.7	92.0	93.3	94.4	95.0	95.2	95.8	96.7	97.1	97.8
GE 200	56.1	56.6	64.6	69.8	79.8	82.3	88.7	92.0	93.3	94.6	95.2	95.4	96.0	96.9	97.4	98.1
GE 100	56.1	56.6	64.6	69.8	79.8	82.3	88.7	92.0	93.3	94.6	95.2	95.4	96.0	96.9	97.4	99.1
GE 000	56.1	56.6	64.6	69.8	79.8	82.3	88.7	92.0	93.3	94.8	95.4	95.7	96.2	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.1	21.4	26.4	27.9	29.2	30.0	30.8	31.9	32.6	33.3	34.4	34.4	34.8	34.9	35.2	35.9
GE 20000	25.6	26.0	32.1	34.6	37.3	38.3	39.7	40.9	41.9	42.9	44.1	44.2	44.7	44.9	45.2	46.1
GE 18000	25.6	26.0	32.1	34.6	37.3	38.3	39.7	40.9	41.9	42.9	44.1	44.2	44.7	44.9	45.2	46.1
GE 16000	25.6	26.0	32.1	34.6	37.3	38.3	39.7	40.9	41.9	42.9	44.1	44.2	44.7	44.9	45.2	46.1
GE 14000	25.6	26.0	32.1	34.6	37.3	38.3	39.7	40.9	41.9	42.9	44.1	44.2	44.7	44.9	45.2	46.1
GE 12000	25.6	26.0	32.4	34.9	37.8	38.9	40.2	41.6	42.6	43.6	44.8	44.9	45.3	45.6	45.9	46.8
GE 10000	26.9	27.4	34.2	36.7	40.0	41.1	42.4	43.9	45.1	46.1	47.6	47.7	48.1	48.3	48.7	49.8
GE 9000	28.0	28.7	35.4	38.0	41.3	42.4	43.9	45.4	46.8	47.8	49.2	49.3	49.8	50.0	50.3	51.4
GE 8000	32.3	33.0	40.3	42.9	46.2	47.3	48.8	50.4	51.9	52.9	54.3	54.4	54.9	55.1	55.4	56.6
GE 7000	32.6	33.2	40.9	43.4	46.9	48.0	49.6	51.2	52.7	53.7	55.1	55.2	55.7	55.9	56.2	57.3
GE 6000	32.6	33.2	40.9	43.4	46.9	48.0	49.6	51.2	52.7	53.7	55.1	55.2	55.7	55.9	56.2	57.3
GE 5000	34.6	35.2	43.4	46.1	49.9	51.4	53.0	54.9	56.3	57.4	58.9	59.0	59.4	59.7	60.0	61.1
GE 4500	37.6	38.2	47.6	50.3	54.3	56.0	57.9	60.2	61.7	63.0	64.6	64.7	65.1	65.3	65.7	66.8
GE 4000	41.6	42.2	52.3	55.4	60.2	62.1	64.2	66.8	68.3	69.7	71.2	71.3	71.8	72.0	72.3	73.4
GE 3500	43.9	44.6	55.2	58.3	63.3	65.2	67.3	69.9	71.4	72.8	74.3	74.4	74.9	75.1	75.4	76.6
GE 3000	46.0	46.7	58.1	61.3	66.8	68.7	71.1	73.8	75.4	77.0	78.6	78.7	79.1	79.4	79.8	80.9
GE 2500	47.7	48.3	60.3	63.6	69.3	71.2	73.7	76.4	78.1	79.7	81.2	81.3	81.8	82.1	82.4	83.6
GE 2000	49.0	49.7	62.4	65.8	72.0	73.9	76.4	79.4	81.2	82.8	84.3	84.4	84.9	85.2	85.6	86.7
GE 1800	49.0	49.7	62.6	66.0	72.3	74.2	76.8	79.8	81.6	83.1	84.7	84.8	85.2	85.6	85.9	87.0
GE 1500	49.7	50.3	63.4	67.0	73.7	75.9	78.7	81.9	83.8	85.4	87.2	87.6	88.0	88.3	88.7	89.8
GE 1200	50.4	51.1	64.7	68.3	75.3	77.9	80.8	84.0	86.0	87.7	89.4	89.8	90.2	90.6	90.9	92.0
GE 1000	50.4	51.1	65.2	68.9	76.0	78.6	81.7	84.9	86.9	88.7	90.6	90.9	91.3	91.7	92.0	93.1
GE 900	50.6	51.2	65.8	69.4	76.6	79.1	82.2	85.6	87.6	89.4	91.3	91.7	92.1	92.4	92.8	93.9
GE 800	50.8	51.4	66.1	69.9	77.0	79.6	82.7	86.1	88.1	90.0	91.9	92.2	92.7	93.0	93.3	94.4
GE 700	50.8	51.4	66.3	70.1	77.3	79.9	83.1	86.6	88.6	90.4	92.3	92.7	93.1	93.4	93.8	94.9
GE 600	50.8	51.4	66.3	70.1	77.4	80.0	83.2	86.8	88.8	90.7	92.6	92.9	93.3	93.7	94.0	95.1
GE 500	50.8	51.4	66.4	70.2	77.7	80.2	83.6	87.3	89.4	91.3	93.2	93.7	94.1	94.4	94.8	95.9
GE 400	50.8	51.4	66.4	70.2	77.7	80.2	83.7	87.6	89.7	91.6	93.4	93.9	94.3	94.8	95.1	96.2
GE 300	50.8	51.4	66.4	70.2	77.7	80.2	83.7	87.6	89.7	91.8	94.0	94.4	94.9	95.4	95.8	96.9
GE 200	50.8	51.4	66.4	70.2	77.7	80.2	83.7	87.6	89.7	91.8	94.0	94.4	94.9	95.6	96.0	97.4
GE 100	50.8	51.4	66.4	70.2	77.7	80.2	83.7	87.6	89.7	91.8	94.0	94.4	94.9	95.6	96.0	97.4
GE 000	50.8	51.4	66.4	70.2	77.7	80.2	83.7	87.6	89.7	91.8	94.0	94.4	94.9	95.6	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 MAY 88
MONTH: SEP HOURS: 09 11

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	23.0	23.3	26.8	28.1	29.7	30.6	31.2	31.6	32.0	32.2	32.4	32.4	32.4	32.4	32.4	32.4
GE 20000	31.0	31.7	36.4	37.9	39.9	40.9	41.6	42.1	42.7	42.9	43.1	43.2	43.2	43.2	43.3	43.4
GE 18000	31.1	31.8	36.6	38.0	40.0	41.0	41.7	42.2	42.8	43.0	43.2	43.3	43.3	43.3	43.4	43.6
GE 16000	31.1	31.8	36.6	38.0	40.1	41.1	41.8	42.3	42.9	43.1	43.3	43.4	43.4	43.4	43.6	43.7
GE 14000	31.2	31.9	36.7	38.1	40.2	41.2	41.9	42.4	43.0	43.2	43.4	43.6	43.6	43.6	43.7	43.8
GE 12000	31.4	32.1	36.9	38.3	40.7	41.8	42.4	43.0	43.6	43.8	44.0	44.1	44.1	44.1	44.2	44.3
GE 10000	33.0	33.7	38.8	40.2	43.1	44.2	45.0	45.7	46.2	46.4	46.7	46.8	46.8	46.8	46.9	47.0
GE 9000	34.6	35.3	40.8	42.3	45.4	46.6	47.3	48.1	48.7	48.9	49.1	49.2	49.2	49.2	49.3	49.4
GE 8000	39.4	40.4	46.2	47.8	51.2	52.3	53.3	54.1	54.7	54.9	55.1	55.2	55.2	55.2	55.3	55.4
GE 7000	40.2	41.2	47.0	48.6	52.0	53.1	54.1	54.9	55.4	55.7	55.9	56.0	56.0	56.0	56.1	56.2
GE 6000	40.4	41.4	47.2	48.8	52.2	53.3	54.3	55.1	55.7	55.9	56.1	56.2	56.2	56.2	56.3	56.4
GE 5000	43.3	44.3	50.4	52.1	55.6	56.7	57.7	58.4	59.0	59.2	59.4	59.6	59.6	59.6	59.7	59.8
GE 4500	46.4	47.4	53.9	55.9	59.4	60.7	62.3	63.1	63.7	63.9	64.1	64.2	64.3	64.3	64.4	64.6
GE 4000	52.7	53.7	60.4	62.6	66.4	67.8	69.4	70.3	70.9	71.1	71.3	71.4	71.6	71.6	71.7	71.8
GE 3500	56.4	57.4	64.8	67.0	70.9	72.2	73.9	74.8	75.3	75.6	75.8	75.9	76.0	76.0	76.1	76.2
GE 3000	61.1	62.1	69.8	72.2	76.4	77.9	79.9	81.0	81.6	81.8	82.0	82.1	82.2	82.2	82.3	82.4
GE 2500	63.9	64.9	72.7	75.2	79.7	81.1	83.2	84.3	84.9	85.1	85.3	85.4	85.6	85.6	85.7	85.8
GE 2000	66.3	67.6	75.7	78.4	83.0	84.4	86.6	87.9	88.4	88.7	88.9	89.0	89.1	89.1	89.2	89.3
GE 1800	66.9	68.1	76.2	79.0	83.6	85.0	87.1	88.4	89.0	89.2	89.4	89.6	89.7	89.7	89.8	89.9
GE 1500	67.7	68.9	77.1	80.1	84.9	86.6	88.7	90.1	90.7	90.9	91.2	91.3	91.4	91.4	91.6	91.7
GE 1200	68.3	69.6	78.6	81.6	86.9	88.6	90.8	92.3	92.9	93.1	93.6	93.7	93.8	93.8	93.9	94.0
GE 1000	68.8	70.0	79.1	82.3	87.9	89.6	91.8	93.3	93.9	94.2	94.7	94.8	94.9	94.9	95.0	95.1
GE 900	68.9	70.1	79.2	82.4	88.0	89.7	92.0	93.6	94.2	94.6	95.0	95.1	95.2	95.2	95.3	95.4
GE 800	68.9	70.1	79.3	82.7	88.4	90.1	92.8	94.3	95.0	95.3	95.8	95.9	96.0	96.0	96.1	96.2
GE 700	69.0	70.2	79.4	82.9	88.7	90.4	93.6	95.2	96.0	96.6	97.0	97.1	97.2	97.2	97.3	97.4
GE 600	69.0	70.2	79.4	82.9	88.8	90.7	93.9	95.6	96.3	96.9	97.3	97.4	97.6	97.6	97.7	97.8
GE 500	69.0	70.2	79.4	83.0	89.0	90.9	94.1	95.9	96.8	97.4	98.1	98.2	98.3	98.3	98.4	98.6
GE 400	69.0	70.2	79.4	83.0	89.0	90.9	94.1	95.9	96.8	97.4	98.1	98.6	98.7	98.7	98.8	98.9
GE 300	69.0	70.2	79.4	83.0	89.0	90.9	94.1	95.9	96.8	97.6	98.3	98.8	98.9	98.9	99.0	99.1
GE 200	69.0	70.2	79.4	83.0	89.0	90.9	94.1	95.9	96.8	97.6	98.3	98.8	98.9	99.0	99.0	99.3
GE 100	69.0	70.2	79.4	83.0	89.0	90.9	94.1	95.9	96.8	97.6	98.3	98.8	98.9	99.0	99.0	99.8
GE 000	69.0	70.2	79.4	83.0	89.0	90.9	94.1	95.9	96.8	97.6	98.3	98.8	98.9	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
UNAFITAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 12-14

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	23.6	23.8	27.0	27.2	28.1	28.7	28.8	28.8	28.8	29.0	29.1	29.1	29.1	29.1	29.1	29.1
GE 20000	33.8	34.0	38.0	38.4	39.7	40.6	40.8	40.9	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2
GE 18000	33.9	34.1	38.1	38.6	39.8	40.7	40.9	41.0	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3
GE 16000	34.0	34.2	38.2	38.7	39.9	40.8	41.0	41.1	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4
GE 14000	34.1	34.3	38.3	38.8	40.0	40.9	41.1	41.2	41.2	41.4	41.6	41.6	41.6	41.6	41.6	41.6
GE 12000	34.9	35.1	39.1	39.6	40.8	41.7	41.9	42.0	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	37.4	37.7	41.7	42.1	43.7	44.6	44.9	45.0	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3
GE 9000	38.4	38.7	42.7	43.1	44.7	45.6	45.9	46.0	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3
GE 8000	42.7	42.9	47.1	47.6	49.4	50.3	50.7	50.8	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1
GE 7000	44.0	44.2	48.6	49.0	50.9	51.8	52.1	52.2	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6
GE 6000	44.2	44.4	48.8	49.2	51.1	52.0	52.3	52.4	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.8
GE 5000	47.7	48.0	52.4	52.9	54.8	55.7	56.0	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4
GE 4500	49.9	50.2	54.9	55.6	57.4	58.3	58.8	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 4000	57.1	57.4	62.7	63.4	65.3	66.2	66.7	66.8	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 3500	63.3	63.8	69.4	70.2	72.2	73.1	73.7	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	72.4	72.9	79.3	80.1	82.2	83.2	83.9	84.0	84.0	84.3	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	77.4	77.9	85.0	85.8	87.9	89.0	89.8	89.9	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	79.1	79.6	86.7	87.7	89.9	91.1	92.1	92.6	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	79.6	80.0	87.3	88.1	90.3	91.6	92.6	93.0	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6
GE 1500	80.0	80.6	88.1	89.0	91.6	92.9	93.9	94.4	94.4	94.8	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	80.6	81.1	88.9	89.9	92.6	93.9	95.0	95.8	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	80.9	81.4	89.7	90.8	93.7	95.1	96.4	97.2	97.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	80.9	81.4	89.7	90.8	93.7	95.1	96.6	97.4	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	80.9	81.4	89.7	90.9	93.9	95.3	97.0	98.0	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	80.9	81.4	89.8	91.0	94.0	95.4	97.3	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	80.9	81.4	89.9	91.1	94.1	95.6	97.7	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	80.9	81.4	89.9	91.1	94.1	95.6	97.8	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	80.9	81.4	90.0	91.2	94.2	95.7	97.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	80.9	81.4	90.0	91.2	94.2	95.7	97.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	80.9	81.4	90.0	91.2	94.2	95.7	97.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	80.9	81.4	90.0	91.2	94.2	95.7	97.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	80.9	81.4	90.0	91.2	94.2	95.7	97.9	99.0	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	25.9	26.2	29.3	30.0	30.7	31.0	31.1	31.1	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 20000	35.9	36.2	40.1	41.1	42.1	42.4	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 18000	36.2	36.6	40.4	41.4	42.4	42.8	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 16000	36.3	36.7	40.6	41.6	42.6	42.9	43.0	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 14000	36.3	36.7	40.6	41.6	42.6	42.9	43.0	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 12000	36.6	37.0	40.9	41.9	42.9	43.2	43.3	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 10000	40.1	40.6	44.7	45.7	46.8	47.1	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 9000	41.3	41.8	46.0	47.0	48.1	48.4	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 8000	46.2	46.7	51.3	52.4	54.1	54.6	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	47.9	48.3	53.2	54.3	56.1	56.6	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	48.0	48.4	53.3	54.4	56.2	56.7	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 5000	53.1	53.7	59.0	60.2	62.0	62.4	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4500	56.0	56.6	62.4	63.7	65.6	66.1	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4000	64.3	64.9	71.9	73.7	75.7	76.2	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	69.0	69.7	77.3	79.3	81.8	82.3	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	75.2	75.9	84.2	86.3	89.0	89.7	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	78.1	78.8	87.7	89.8	92.4	93.3	94.0	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	78.7	79.3	88.7	91.0	93.7	94.7	95.8	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	78.7	79.3	88.7	91.0	93.7	94.7	95.8	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	79.0	79.7	89.1	91.4	94.4	95.6	96.9	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	79.2	79.9	89.3	91.7	95.1	96.2	97.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	79.3	80.0	89.4	91.8	95.3	96.4	98.0	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	79.3	80.0	89.4	91.8	95.3	96.4	98.0	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	79.3	80.0	89.8	92.1	95.7	96.8	98.3	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	79.3	80.0	89.8	92.1	95.7	96.8	98.3	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	79.4	80.1	89.9	92.2	95.8	96.9	98.4	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	79.4	80.1	89.9	92.2	95.8	96.9	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.4	80.1	89.9	92.2	95.8	96.9	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.4	80.1	89.9	92.2	95.8	96.9	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.4	80.1	89.9	92.2	95.8	96.9	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.4	80.1	89.9	92.2	95.8	96.9	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.4	80.1	89.9	92.2	95.8	96.9	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.0	30.6	36.2	37.8	40.2	40.8	41.4	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 20000	35.4	36.0	44.1	46.0	49.2	50.0	50.7	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 18000	35.9	36.4	44.6	46.4	49.7	50.4	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	35.9	36.4	44.6	46.4	49.7	50.4	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 14000	35.9	36.4	44.6	46.4	49.7	50.4	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 12000	36.1	36.7	44.8	46.7	49.9	50.7	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	38.8	39.4	48.4	50.7	54.0	54.8	55.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 9000	40.1	40.8	49.9	52.1	55.4	56.2	56.9	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	44.1	44.8	54.2	56.9	60.9	61.8	62.9	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 7000	45.1	45.8	55.4	58.2	62.3	63.2	64.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000	45.2	45.9	55.6	58.3	62.4	63.3	64.4	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	48.4	49.1	59.1	61.9	66.0	66.9	68.0	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	51.4	52.1	63.0	65.9	70.3	71.2	72.3	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	55.6	56.2	68.2	71.8	76.6	77.6	78.7	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	57.9	58.6	71.8	75.6	80.4	81.4	82.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3000	63.0	63.8	78.2	82.0	87.3	88.3	89.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2500	64.9	65.7	80.3	84.3	89.7	90.8	92.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	65.4	66.2	81.1	85.1	90.7	92.1	94.0	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	65.4	66.2	81.1	85.1	90.8	92.2	94.1	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	65.9	66.7	81.7	85.8	91.7	93.4	95.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	66.0	66.8	81.8	85.9	91.8	93.7	95.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	66.3	67.1	82.2	86.3	92.2	94.2	96.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	66.4	67.2	82.3	86.4	92.3	94.3	96.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	66.6	67.3	82.4	86.6	92.4	94.7	96.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	66.6	67.3	82.4	86.6	92.4	94.7	97.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	66.6	67.3	82.4	86.6	92.4	94.7	97.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	66.6	67.3	82.4	86.6	92.4	94.7	97.1	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9
GE 400	66.6	67.3	82.4	86.6	92.4	94.7	97.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300	66.6	67.3	82.4	86.6	92.4	94.7	97.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	66.6	67.3	82.4	86.6	92.4	94.7	97.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	66.6	67.3	82.4	86.6	92.4	94.7	97.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 000	66.6	67.3	82.4	86.6	92.4	94.7	97.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 21 23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	35.6	35.7	43.0	45.3	50.3	51.1	51.8	52.8	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	38.0	38.1	47.1	49.7	55.1	56.0	56.8	57.8	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	38.3	38.4	47.4	50.0	55.4	56.3	57.1	58.1	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	38.3	38.4	47.4	50.0	55.4	56.3	57.1	58.1	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	38.3	38.4	47.4	50.0	55.4	56.3	57.1	58.1	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	38.3	38.4	47.4	50.0	55.4	56.3	57.1	58.1	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	39.7	39.8	48.9	51.4	56.9	58.1	58.9	59.9	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3
GE 9000	41.2	41.4	50.8	53.6	59.1	60.3	61.4	62.4	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9
GE 8000	44.2	44.4	54.3	57.2	63.6	64.9	66.3	67.3	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	44.6	44.8	54.7	57.6	63.9	65.2	66.7	67.7	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	44.6	44.8	54.8	57.7	64.0	65.3	66.8	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	46.8	47.1	57.4	60.3	66.8	68.1	69.6	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	49.3	49.7	61.1	64.2	70.9	72.2	73.8	75.0	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	53.0	53.3	65.6	69.2	76.1	77.8	79.3	80.8	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	55.1	55.4	68.0	71.8	78.8	80.6	82.1	83.6	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	57.0	57.3	70.8	74.8	82.0	83.8	85.3	87.2	87.4	87.4	87.8	87.9	88.0	88.0	88.0	88.0
GE 2500	59.3	59.8	73.4	77.4	85.1	86.9	88.4	90.3	90.6	90.6	90.9	91.0	91.1	91.1	91.1	91.1
GE 2000	60.3	60.8	74.9	79.1	86.9	88.7	90.4	92.3	92.6	92.6	93.1	93.2	93.3	93.3	93.3	93.3
GE 1800	60.7	61.1	75.3	79.6	87.3	89.1	90.9	92.8	93.0	93.0	93.6	93.7	93.8	93.8	93.8	93.8
GE 1500	61.6	62.0	76.7	80.9	89.0	91.0	93.0	95.3	95.6	95.6	96.1	96.2	96.3	96.3	96.3	96.3
GE 1200	61.7	62.1	76.9	81.1	89.3	91.7	93.7	96.1	96.3	96.3	96.9	97.0	97.1	97.1	97.1	97.1
GE 1000	61.8	62.3	77.1	81.3	89.8	92.2	94.2	96.7	96.9	96.9	97.4	97.6	97.7	97.7	97.7	97.7
GE 900	61.8	62.3	77.2	81.4	90.0	92.6	94.6	97.0	97.2	97.2	97.8	97.9	98.0	98.0	98.0	98.0
GE 800	61.8	62.3	77.3	81.6	90.2	92.8	94.8	97.2	97.4	97.4	98.0	98.1	98.2	98.2	98.2	98.2
GE 700	61.8	62.3	77.4	81.7	90.3	93.1	95.2	98.0	98.2	98.2	98.8	98.9	99.0	99.0	99.0	99.0
GE 600	61.8	62.3	77.4	81.7	90.4	93.2	95.3	98.1	98.3	98.3	98.9	99.0	99.1	99.1	99.1	99.1
GE 500	61.8	62.3	77.4	81.7	90.6	93.3	95.4	98.3	98.6	98.6	99.1	99.2	99.3	99.3	99.3	99.3
GE 400	61.8	62.3	77.4	81.7	90.6	93.3	95.4	98.3	98.6	98.6	99.1	99.2	99.3	99.3	99.3	99.3
GE 300	61.8	62.3	77.4	81.7	90.6	93.3	95.4	98.3	98.6	98.6	99.1	99.2	99.3	99.4	99.4	99.6
GE 200	61.8	62.3	77.4	81.7	90.7	93.6	95.7	98.6	98.8	98.8	99.3	99.4	99.6	99.7	99.9	100.0
GE 100	61.8	62.3	77.4	81.7	90.7	93.6	95.7	98.6	98.8	98.8	99.3	99.4	99.6	99.7	99.9	100.0
GE 000	61.8	62.3	77.4	81.7	90.7	93.6	95.7	98.6	98.8	98.8	99.3	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.3	27.6	32.2	33.8	36.5	37.2	38.2	38.8	39.1	39.4	39.7	39.8	39.9	40.0	40.1	40.3
GE 20000	33.1	33.4	39.2	41.2	44.5	45.3	46.5	47.2	47.6	48.0	48.3	48.3	48.5	48.6	48.7	48.9
GE 18000	33.2	33.6	39.3	41.3	44.7	45.5	46.7	47.4	47.8	48.1	48.5	48.5	48.7	48.8	48.9	49.1
GE 16000	33.3	33.6	39.4	41.4	44.7	45.5	46.7	47.4	47.8	48.2	48.5	48.6	48.7	48.8	48.9	49.2
GE 14000	33.3	33.7	39.4	41.4	44.8	45.6	46.8	47.5	47.9	48.2	48.5	48.6	48.7	48.8	49.0	49.2
GE 12000	33.5	33.8	39.6	41.6	45.0	45.9	47.1	47.8	48.2	48.5	48.8	48.9	49.1	49.2	49.3	49.5
GE 10000	35.4	35.8	41.9	44.0	47.7	48.6	49.9	50.7	51.1	51.4	51.8	51.8	52.0	52.1	52.3	52.5
GE 9000	36.7	37.1	43.3	45.4	49.2	50.1	51.6	52.4	52.8	53.2	53.5	53.6	53.7	53.8	54.0	54.2
GE 8000	40.3	40.8	47.4	49.7	54.1	55.0	56.6	57.4	57.9	58.2	58.6	58.6	58.8	58.9	59.1	59.3
GE 7000	41.0	41.5	48.3	50.6	55.0	55.9	57.5	58.4	58.8	59.2	59.5	59.6	59.7	59.9	60.0	60.2
GE 6000	41.2	41.7	48.4	50.8	55.1	56.1	57.7	58.5	59.0	59.3	59.7	59.7	59.9	60.0	60.1	60.4
GE 5000	44.1	44.7	51.8	54.3	58.7	59.8	61.4	62.3	62.7	63.1	63.4	63.5	63.7	63.8	63.9	64.2
GE 4500	46.8	47.3	55.1	57.8	62.6	63.7	65.5	66.5	66.9	67.3	67.7	67.8	67.9	68.1	68.2	68.4
GE 4000	52.3	52.9	61.5	64.5	69.7	70.9	72.7	73.9	74.4	74.7	75.1	75.2	75.4	75.5	75.6	75.8
GE 3500	55.8	56.4	65.5	68.6	74.0	75.2	77.2	78.4	78.9	79.3	79.6	79.7	79.9	80.0	80.1	80.4
GE 3000	59.9	60.5	70.4	73.6	79.3	80.5	82.7	84.1	84.6	85.0	85.4	85.5	85.7	85.8	86.0	86.2
GE 2500	62.3	63.0	73.2	76.4	82.2	83.5	85.8	87.2	87.7	88.2	88.6	88.6	88.8	89.0	89.1	89.3
GE 2000	63.7	64.4	75.0	78.3	84.3	85.7	88.1	89.7	90.2	90.7	91.1	91.2	91.4	91.5	91.7	91.9
GE 1800	63.9	64.6	75.2	78.6	84.6	86.0	88.4	90.0	90.5	91.0	91.4	91.5	91.7	91.8	91.9	92.2
GE 1500	64.6	65.3	76.2	79.6	85.9	87.6	90.1	91.9	92.5	93.0	93.5	93.6	93.8	93.9	94.0	94.3
GE 1200	65.0	65.7	76.8	80.3	86.8	88.6	91.3	93.2	93.8	94.3	94.8	94.9	95.1	95.3	95.4	95.6
GE 1000	65.2	65.9	77.2	80.7	87.4	89.2	91.9	93.9	94.5	95.0	95.5	95.6	95.8	96.0	96.1	96.4
GE 900	65.2	66.0	77.3	80.8	87.6	89.4	92.2	94.3	94.8	95.4	95.9	96.0	96.2	96.4	96.5	96.8
GE 800	65.3	66.0	77.4	81.0	87.8	89.7	92.6	94.7	95.3	95.9	96.4	96.5	96.7	96.8	96.9	97.2
GE 700	65.3	66.0	77.5	81.2	88.0	90.0	93.0	95.2	95.8	96.4	96.9	97.0	97.2	97.4	97.5	97.7
GE 600	65.3	66.0	77.6	81.2	88.2	90.1	93.3	95.5	96.1	96.8	97.3	97.4	97.6	97.8	97.9	98.1
GE 500	65.3	66.0	77.6	81.3	88.3	90.3	93.6	95.9	96.6	97.3	97.8	97.9	98.2	98.3	98.4	98.7
GE 400	65.3	66.0	77.6	81.3	88.4	90.3	93.6	95.9	96.6	97.3	97.9	98.0	98.3	98.4	98.6	98.8
GE 300	65.3	66.0	77.6	81.3	88.4	90.3	93.6	95.9	96.6	97.4	98.0	98.2	98.4	98.7	98.8	99.1
GE 200	65.3	66.0	77.6	81.3	88.4	90.4	93.7	96.0	96.7	97.5	98.1	98.3	98.5	98.8	99.0	99.3
GE 100	65.3	66.0	77.6	81.3	88.4	90.4	93.7	96.0	96.7	97.5	98.1	98.3	98.5	98.8	99.0	99.7
GE 000	65.3	66.0	77.6	81.3	88.4	90.4	93.7	96.0	96.7	97.5	98.1	98.3	98.6	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	28.4	28.9	35.7	38.0	41.9	43.5	45.1	46.1	46.2	46.3	46.6	47.2	47.4	47.6	48.2	48.8
GE 20000	31.3	31.8	39.0	41.5	45.6	47.2	48.7	49.8	49.9	50.0	50.2	50.9	51.2	51.4	52.0	52.7
GE 18000	31.3	31.8	39.0	41.5	45.6	47.2	48.7	49.8	49.9	50.0	50.2	50.9	51.2	51.4	52.0	52.7
GE 16000	31.3	31.8	39.0	41.5	45.6	47.2	48.7	49.8	49.9	50.0	50.2	50.9	51.2	51.4	52.0	52.7
GE 14000	31.3	31.8	39.0	41.5	45.6	47.2	48.7	49.8	49.9	50.0	50.2	50.9	51.2	51.4	52.0	52.7
GE 12000	31.4	31.9	39.1	41.6	45.7	47.3	48.8	49.9	50.0	50.1	50.3	51.0	51.3	51.5	52.2	52.8
GE 10000	32.6	33.1	40.4	42.9	47.0	48.6	50.3	51.5	51.7	51.9	52.2	52.8	53.1	53.3	54.0	54.6
GE 9000	33.7	34.2	41.6	44.1	48.4	50.0	51.7	52.9	53.1	53.3	53.5	54.2	54.5	54.7	55.4	56.0
GE 8000	35.9	36.5	44.1	46.7	51.6	53.2	55.1	56.2	56.5	56.7	56.9	57.5	57.8	58.1	58.7	59.4
GE 7000	36.1	36.7	44.3	46.9	51.9	53.5	55.5	56.7	56.9	57.1	57.3	58.0	58.3	58.5	59.1	59.8
GE 6000	36.2	36.8	44.4	47.0	52.0	53.7	55.6	56.8	57.0	57.2	57.4	58.1	58.4	58.6	59.2	59.9
GE 5000	37.5	38.2	46.1	48.7	54.0	55.6	57.6	58.8	59.0	59.2	59.5	60.1	60.4	60.6	61.3	61.9
GE 4500	39.6	40.2	48.6	51.2	56.7	58.3	60.3	61.1	61.8	62.0	62.3	62.9	63.2	63.4	64.1	64.7
GE 4000	43.3	44.0	53.4	56.2	62.5	64.6	66.9	68.2	68.4	68.6	68.8	69.5	69.8	70.0	70.6	71.3
GE 3500	46.5	47.1	57.2	60.0	67.1	69.5	72.0	73.3	73.5	73.8	74.1	74.7	75.1	75.3	75.9	76.6
GE 3000	47.8	48.6	59.1	62.2	69.5	72.0	74.9	76.6	76.8	77.1	77.4	78.2	78.5	78.7	79.4	80.0
GE 2500	49.2	50.0	60.9	64.0	72.0	74.7	77.8	79.5	79.7	80.0	80.4	81.2	81.5	81.7	82.4	83.1
GE 2000	51.4	52.3	64.3	67.5	75.8	78.7	81.9	83.5	83.8	84.1	84.5	85.3	85.6	85.8	86.5	87.2
GE 1800	51.4	52.3	64.4	67.6	75.9	78.8	82.0	83.7	83.9	84.2	84.6	85.4	85.7	85.9	86.6	87.3
GE 1500	52.6	53.4	65.8	69.1	78.1	81.0	84.4	86.0	86.2	86.6	87.0	87.7	88.1	88.3	88.9	89.7
GE 1200	52.9	53.8	66.3	69.9	78.9	81.8	85.5	87.2	87.4	87.7	88.2	88.9	89.2	89.5	90.1	90.9
GE 1000	53.7	54.5	67.2	71.1	80.4	83.3	87.0	88.7	88.9	89.2	89.7	90.4	90.8	91.0	91.6	92.4
GE 900	53.7	54.5	67.2	71.4	80.8	83.7	87.3	89.1	89.4	89.7	90.2	91.0	91.3	91.5	92.2	92.9
GE 800	53.9	54.7	67.4	71.7	81.2	84.1	87.8	90.1	90.3	90.6	91.2	91.9	92.3	92.5	93.1	93.9
GE 700	53.9	54.7	67.5	71.8	81.3	84.3	88.1	90.4	90.9	91.3	91.8	92.7	93.0	93.2	93.9	94.6
GE 600	53.9	54.7	67.8	72.2	81.6	84.6	88.5	91.2	91.6	92.0	92.7	93.5	94.0	94.2	94.8	95.6
GE 500	53.9	54.7	67.8	72.2	81.7	84.7	88.6	91.4	91.8	92.5	93.2	94.1	94.5	94.7	95.4	96.1
GE 400	53.9	54.7	67.8	72.2	81.7	84.7	88.7	91.8	92.3	92.9	93.7	94.6	95.1	95.3	95.9	96.7
GE 300	53.9	54.7	67.8	72.2	81.8	84.8	89.0	92.2	92.6	93.2	94.1	95.1	95.5	95.7	96.3	97.5
GE 200	53.9	54.7	67.8	72.2	81.8	84.8	89.0	92.2	92.6	93.3	94.2	95.3	95.7	95.9	96.6	98.3
GE 100	53.9	54.7	67.8	72.2	81.8	84.8	89.0	92.2	92.6	93.4	94.3	95.4	95.8	96.0	96.8	99.2
GE 000	53.9	54.7	67.8	72.2	81.8	84.8	89.0	92.2	92.6	93.4	94.3	95.4	95.8	96.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.1	26.7	30.2	32.5	38.3	39.9	41.3	43.3	44.0	44.4	44.5	44.8	44.8	45.4	45.9	47.2
GE 20000	28.6	29.2	32.8	35.6	41.4	43.1	44.5	46.8	47.5	48.1	48.2	48.5	48.5	49.0	49.6	50.9
GE 18000	28.6	29.2	32.8	35.7	41.5	43.2	44.6	46.9	47.6	48.2	48.3	48.6	48.6	49.1	49.7	51.0
GE 16000	28.6	29.2	32.8	35.7	41.5	43.2	44.6	46.9	47.6	48.2	48.3	48.6	48.6	49.1	49.7	51.0
GE 14000	28.6	29.2	32.8	35.7	41.5	43.2	44.6	46.9	47.6	48.2	48.3	48.6	48.6	49.1	49.7	51.0
GE 12000	28.7	29.4	32.9	35.8	41.6	43.3	44.7	47.0	47.7	48.3	48.4	48.7	48.7	49.2	49.8	51.1
GE 10000	29.9	30.5	34.4	37.5	43.7	45.4	46.8	49.0	49.9	50.4	50.8	51.1	51.1	51.6	52.2	53.4
GE 9000	30.8	31.4	35.3	38.4	44.5	46.2	47.6	49.9	50.8	51.3	51.6	51.9	51.9	52.5	53.0	54.3
GE 8000	33.7	34.4	38.6	41.8	48.5	50.4	51.9	54.4	55.3	55.9	56.2	56.6	56.6	57.1	57.6	58.9
GE 7000	33.9	34.6	38.9	42.2	48.8	50.8	52.3	54.7	55.6	56.2	56.6	56.9	56.9	57.4	58.0	59.2
GE 6000	33.9	34.6	38.9	42.2	48.8	50.8	52.3	54.7	55.6	56.2	56.6	56.9	56.9	57.4	58.0	59.2
GE 5000	35.4	36.3	41.1	44.4	51.2	53.1	54.7	57.2	58.1	58.7	59.0	59.5	59.5	60.0	60.5	61.8
GE 4500	37.0	38.0	42.9	46.2	53.3	55.4	57.0	59.6	60.4	61.1	61.5	62.0	62.2	62.7	63.2	64.5
GE 4000	41.4	42.4	47.7	51.5	59.5	61.7	63.8	66.3	67.2	67.8	68.3	68.8	68.9	69.5	70.0	71.3
GE 3500	43.9	44.8	50.5	54.4	63.0	65.3	67.5	70.2	71.1	71.7	72.3	72.8	72.9	73.4	74.0	75.3
GE 3000	45.7	46.7	52.7	56.8	65.6	68.1	70.6	73.8	74.7	75.5	76.0	76.6	76.7	77.3	77.8	79.1
GE 2500	47.4	48.4	55.3	59.5	68.9	71.6	74.3	77.5	78.5	79.2	79.8	80.3	80.4	81.1	81.6	83.0
GE 2000	49.0	50.0	57.4	61.8	71.7	74.4	77.1	80.6	81.7	82.5	83.0	83.5	83.7	84.3	84.8	86.2
GE 1800	49.1	50.1	57.6	62.0	72.0	74.7	77.4	81.0	82.0	82.8	83.3	83.9	84.0	84.6	85.2	86.6
GE 1500	50.8	51.7	59.5	64.2	74.7	77.5	80.3	83.9	84.9	85.7	86.2	86.8	86.9	87.5	88.1	89.5
GE 1200	51.0	52.0	60.1	65.1	75.9	78.7	81.5	85.3	86.3	87.1	87.6	88.2	88.3	88.9	89.5	90.9
GE 1000	51.0	52.0	60.2	65.3	76.1	78.9	81.8	85.8	86.9	87.6	88.2	88.7	88.8	89.5	90.0	91.4
GE 900	51.0	52.0	60.2	65.4	76.5	79.2	82.3	86.5	87.5	88.3	88.8	89.4	89.5	90.1	90.6	92.0
GE 800	51.5	52.6	61.2	66.5	77.6	80.4	83.4	87.7	88.8	89.6	90.1	90.6	90.8	91.4	91.9	93.3
GE 700	51.5	52.6	61.2	66.5	77.6	80.5	83.8	88.3	89.4	90.4	91.0	91.5	91.6	92.3	92.8	94.2
GE 600	51.5	52.6	61.3	66.6	78.1	81.0	84.3	89.1	90.2	91.3	91.8	92.4	92.5	93.1	93.7	95.1
GE 500	51.5	52.6	61.3	66.6	78.1	81.0	84.3	89.4	90.4	91.5	92.2	92.7	92.8	93.4	94.0	95.4
GE 400	51.5	52.6	61.3	66.6	78.1	81.0	84.4	89.7	90.9	92.2	92.8	93.3	93.4	94.1	94.6	96.1
GE 300	51.5	52.6	61.3	66.6	78.4	81.3	84.7	90.0	91.2	92.5	93.2	93.8	93.9	94.5	95.1	96.7
GE 200	51.5	52.6	61.3	66.6	78.4	81.3	85.1	90.3	91.5	92.9	93.7	94.3	94.7	95.5	96.0	98.0
GE 100	51.5	52.6	61.3	66.6	78.4	81.3	85.1	90.3	91.5	93.0	93.8	94.4	94.8	95.6	96.3	98.9
GE 000	51.5	52.6	61.3	66.6	78.4	81.3	85.1	90.3	91.5	93.0	93.8	94.4	94.8	95.7	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 38
MONTH: OCT HOURS: 05-00

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	19.7	19.9	22.2	24.1	27.3	28.9	30.4	32.2	32.8	33.7	34.2	34.3	34.3	34.8	35.1	35.7
GE 20000	24.0	24.2	27.5	29.7	33.5	35.5	37.2	39.1	39.8	40.6	41.2	41.5	41.6	42.2	42.5	43.2
GE 18000	24.1	24.3	27.6	29.8	33.7	35.6	37.3	39.4	40.0	40.9	41.4	41.7	41.8	42.4	42.7	43.4
GE 16000	24.1	24.3	27.6	29.8	33.7	35.6	37.3	39.4	40.0	40.9	41.4	41.7	41.8	42.4	42.7	43.4
GE 14000	24.2	24.4	28.0	30.1	34.0	35.9	37.6	39.7	40.3	41.2	41.7	42.0	42.2	42.7	43.0	43.8
GE 12000	24.5	24.7	28.3	30.4	34.3	36.3	38.1	40.1	40.8	41.6	42.2	42.5	42.6	43.1	43.4	44.2
GE 10000	26.1	26.3	30.2	32.4	36.5	38.7	40.4	42.6	43.2	44.3	44.9	45.3	45.4	45.9	46.2	47.0
GE 9000	26.9	27.1	31.1	33.2	37.4	39.7	41.4	43.5	44.2	45.3	45.9	46.2	46.3	46.9	47.2	48.0
GE 8000	31.5	31.7	35.9	3.4	42.9	45.2	47.0	49.1	49.9	51.3	52.2	52.6	52.7	53.2	53.5	54.3
GE 7000	31.7	31.9	36.5	38.9	43.4	45.7	47.5	49.7	50.4	51.8	52.7	53.1	53.2	53.8	54.1	54.8
GE 6000	31.7	31.9	36.5	38.9	43.4	45.7	47.5	49.7	50.4	51.8	52.7	53.1	53.2	53.8	54.1	54.8
GE 5000	34.0	34.4	39.1	41.6	46.2	48.6	50.5	52.9	53.7	55.1	55.9	56.3	56.5	57.0	57.3	58.1
GE 4500	36.8	37.2	42.3	44.7	49.6	52.0	54.0	56.5	57.2	58.6	59.7	60.2	60.3	60.9	61.2	61.9
GE 4000	40.8	41.2	46.7	49.5	55.1	58.1	60.2	62.8	63.7	65.1	66.3	66.9	67.1	67.7	68.1	68.8
GE 3500	42.6	43.0	49.1	52.0	58.7	61.8	64.1	66.7	67.5	69.0	70.5	71.1	71.3	71.9	72.3	73.0
GE 3000	45.5	45.9	52.8	56.1	63.1	66.2	68.7	71.7	72.8	74.4	76.0	76.6	76.8	77.4	77.7	78.6
GE 2500	46.6	47.0	54.5	58.1	65.4	68.7	71.6	74.7	76.0	77.7	79.4	79.9	80.1	80.8	81.1	81.9
GE 2000	47.7	48.2	55.9	59.6	67.0	70.3	73.3	76.5	77.7	79.5	81.1	81.6	81.8	82.5	82.8	83.7
GE 1800	48.0	48.4	56.2	59.9	67.3	70.6	73.7	76.8	78.1	79.8	81.4	81.9	82.2	82.8	83.1	84.0
GE 1500	48.7	49.1	57.3	61.6	69.7	73.0	76.0	79.2	80.5	82.4	84.0	84.5	84.7	85.4	85.7	86.6
GE 1200	49.0	49.6	58.5	62.8	70.9	74.2	77.2	80.5	81.8	83.8	85.5	86.0	86.2	86.9	87.2	88.1
GE 1000	49.1	49.7	58.8	63.4	71.5	74.9	78.0	81.5	82.8	84.7	86.5	87.0	87.2	87.8	88.3	89.1
GE 900	49.2	49.8	59.0	63.7	71.8	75.3	78.3	81.8	83.1	85.2	87.0	87.6	87.8	88.5	88.9	89.8
GE 800	49.4	49.9	59.2	64.0	72.3	75.8	78.8	82.5	83.8	85.9	87.8	88.5	88.8	89.5	89.9	90.8
GE 700	49.4	49.9	59.2	64.0	72.4	76.0	79.1	83.1	84.6	86.9	88.8	89.5	89.8	90.4	90.9	91.7
GE 600	49.5	50.0	59.6	64.3	72.7	76.5	80.0	84.5	86.0	88.3	90.3	91.0	91.3	91.9	92.4	93.2
GE 500	49.5	50.0	59.6	64.3	72.7	76.5	80.0	84.7	86.3	88.8	90.9	91.5	92.0	92.7	93.1	94.0
GE 400	49.5	50.0	59.7	64.4	73.0	76.8	80.4	85.3	86.9	89.6	91.6	92.4	92.9	93.5	94.0	94.8
GE 300	49.5	50.0	59.7	64.4	73.0	76.8	80.5	85.4	87.0	89.9	91.9	92.8	93.7	94.3	94.7	95.6
GE 200	49.5	50.0	59.7	64.4	73.0	76.8	80.6	85.6	87.2	90.2	92.3	93.3	94.2	94.8	95.3	96.8
GE 100	49.5	50.0	59.7	64.4	73.0	76.8	80.6	85.7	87.3	90.3	92.4	93.4	94.3	94.9	95.6	98.9
GE 000	49.5	50.0	59.7	64.4	73.0	76.8	80.6	85.7	87.3	90.3	92.4	93.4	94.3	94.9	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 09 11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL	24.9	25.3	29.2	31.0	32.6	33.1	34.1	34.4	34.8	34.9	35.3	35.3	35.3	35.3	35.3	35.7
GE 20000	31.1	31.5	35.9	37.8	39.9	40.8	41.7	42.2	42.9	43.0	43.4	43.4	43.4	43.4	43.4	44.0
GE 18000	31.4	31.8	36.2	38.2	40.2	41.2	42.3	42.7	43.4	43.5	44.0	44.0	44.0	44.0	44.0	44.5
GE 16000	31.4	31.8	36.2	38.2	40.2	41.2	42.3	42.7	43.4	43.5	44.0	44.0	44.0	44.0	44.0	44.5
GE 14000	31.4	31.8	36.2	38.2	40.2	41.2	42.3	42.7	43.4	43.5	44.0	44.0	44.0	44.0	44.0	44.5
GE 12000	32.3	32.7	37.2	39.2	41.3	42.3	43.3	43.8	44.5	44.6	45.1	45.1	45.1	45.1	45.1	45.6
GE 10000	34.1	34.5	39.4	41.4	43.4	44.4	45.6	46.1	47.0	47.3	47.7	47.7	47.7	47.7	47.7	48.3
GE 9000	35.1	35.5	40.4	42.7	44.7	45.7	46.9	47.4	48.3	48.6	49.0	49.0	49.0	49.0	49.0	49.6
GE 8000	40.2	40.6	45.9	48.4	50.5	51.6	53.0	53.5	54.4	54.7	55.5	55.5	55.5	55.5	55.5	56.0
GE 7000	40.9	41.3	46.9	49.4	51.6	52.7	54.1	54.6	55.5	55.8	56.6	56.6	56.6	56.6	56.6	57.1
GE 6000	41.0	41.4	47.0	49.5	51.7	52.8	54.2	54.7	55.6	55.9	56.7	56.7	56.7	56.7	56.7	57.2
GE 5000	42.3	42.7	48.6	51.2	53.8	54.8	56.3	56.9	57.7	58.1	58.8	58.8	58.8	58.8	58.8	59.4
GE 4500	43.8	44.2	50.5	53.4	56.2	57.4	59.0	59.6	60.4	60.9	61.6	61.6	61.6	61.6	61.6	62.2
GE 4000	48.5	48.9	56.1	59.2	62.7	64.2	66.2	66.9	67.7	68.3	69.1	69.1	69.1	69.1	69.1	69.7
GE 3500	51.2	51.6	59.2	62.4	66.1	67.7	70.3	71.1	71.9	72.5	73.3	73.3	73.3	73.3	73.3	73.9
GE 3000	55.7	56.1	64.2	67.3	71.7	73.4	76.1	77.0	77.8	78.4	79.4	79.4	79.4	79.4	79.4	79.9
GE 2500	57.3	57.7	65.9	69.1	74.2	76.0	78.8	80.0	81.0	81.5	82.5	82.5	82.5	82.5	82.5	83.0
GE 2000	58.5	58.9	67.6	71.1	76.2	78.1	81.0	82.4	83.3	83.9	84.8	84.8	84.8	84.8	84.8	85.4
GE 1800	58.6	59.0	67.7	71.2	76.3	78.2	81.1	82.5	83.4	84.0	84.9	84.9	84.9	84.9	84.9	85.5
GE 1500	60.0	60.5	70.0	73.5	79.1	81.1	84.1	85.6	86.6	87.3	88.3	88.3	88.3	88.3	88.3	88.8
GE 1200	60.1	60.6	70.3	73.9	79.6	81.5	84.6	86.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9	89.5
GE 1000	61.2	61.7	71.5	75.1	81.5	83.8	87.2	89.1	90.1	91.0	92.2	92.2	92.2	92.2	92.2	92.7
GE 900	61.3	61.8	71.6	75.3	81.7	84.0	87.4	89.4	90.3	91.3	92.5	92.5	92.5	92.5	92.5	93.0
GE 800	61.3	61.8	71.7	75.4	81.9	84.2	87.7	89.7	90.6	91.7	93.0	93.0	93.0	93.0	93.0	93.5
GE 700	61.3	61.8	71.8	75.6	82.4	84.6	88.3	90.4	91.4	92.5	93.8	93.8	93.8	93.8	93.8	94.3
GE 600	61.3	61.8	71.8	75.6	82.7	85.1	88.8	91.1	92.3	93.4	94.7	94.7	94.7	94.7	94.7	95.3
GE 500	61.3	61.8	71.8	75.6	82.8	85.2	88.9	91.4	92.7	94.4	95.8	95.9	96.0	96.0	96.0	96.6
GE 400	61.3	61.8	71.8	75.6	83.0	85.6	89.4	91.8	93.2	95.1	96.5	96.6	96.7	96.7	96.7	97.2
GE 300	61.3	61.8	71.8	75.6	83.0	85.6	89.4	91.8	93.2	95.1	96.6	96.7	96.8	96.9	96.9	97.4
GE 200	61.3	61.8	71.8	75.6	83.0	85.6	89.4	92.2	93.5	95.6	97.1	97.2	97.5	98.0	98.1	98.9
GE 100	61.3	61.8	71.8	75.6	83.0	85.6	89.4	92.2	93.5	95.6	97.1	97.2	97.5	98.0	98.1	99.1
GE 000	61.3	61.8	71.8	75.6	83.0	85.6	89.4	92.2	93.5	95.6	97.1	97.2	97.5	98.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.3	24.5	27.0	27.5	28.0	28.1	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 20000	35.2	35.5	38.3	38.9	39.4	39.5	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3
GE 18000	35.5	35.8	38.6	39.2	39.7	39.8	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6
GE 16000	35.6	35.9	38.7	39.4	39.8	39.9	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8
GE 14000	35.7	36.0	38.8	39.5	39.9	40.0	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9
GE 12000	36.6	36.9	39.7	40.3	40.8	40.9	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7
GE 10000	38.3	38.8	41.7	42.5	43.0	43.1	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0
GE 9000	38.7	39.2	42.6	43.5	44.1	44.2	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1
GE 8000	42.9	43.4	47.2	48.2	48.9	49.4	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3
GE 7000	43.3	43.9	47.6	48.6	49.4	49.9	50.5	5.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9
GE 6000	43.3	43.9	47.6	48.6	49.4	49.9	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9
GE 5000	44.3	44.8	48.7	49.7	50.5	51.2	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4
GE 4500	46.5	47.0	51.4	52.5	53.4	54.1	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3
GE 4000	52.2	52.7	57.2	58.6	60.2	61.0	61.8	62.0	62.0	62.0	62.4	62.4	62.4	62.4	62.5	62.5
GE 3500	56.7	57.2	62.2	63.5	66.0	66.8	67.6	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.3	68.3
GE 3000	66.2	66.9	72.5	74.1	77.1	77.8	78.9	79.1	79.1	79.4	79.7	79.7	79.7	79.7	79.8	79.8
GE 2500	68.7	69.4	75.9	77.7	80.9	81.8	83.0	83.4	83.4	83.7	84.0	84.0	84.0	84.0	84.1	84.1
GE 2000	71.1	71.9	79.1	81.3	84.9	85.9	87.3	87.8	88.0	88.2	88.5	88.5	88.5	88.5	88.6	88.6
GE 1800	71.5	72.4	79.7	81.8	85.5	86.5	87.8	88.4	88.5	88.7	89.0	89.0	89.0	89.0	89.1	89.1
GE 1500	72.5	73.3	81.2	83.8	88.2	89.5	91.3	91.8	91.9	92.2	92.5	92.5	92.5	92.5	92.6	92.6
GE 1200	73.2	74.1	82.2	84.9	89.8	91.2	93.1	93.7	93.8	94.0	94.3	94.3	94.3	94.3	94.4	94.4
GE 1000	73.8	74.6	82.8	85.6	91.1	92.6	94.6	95.4	95.5	95.7	96.0	96.0	96.0	96.0	96.1	96.1
GE 900	73.9	74.7	83.0	85.8	91.4	92.9	95.1	95.9	96.0	96.2	96.6	96.6	96.6	96.6	96.7	96.7
GE 800	73.9	74.7	83.1	85.9	91.6	93.1	95.4	96.2	96.3	96.6	96.9	96.9	96.9	96.9	97.0	97.0
GE 700	73.9	74.7	83.3	86.3	92.0	93.5	95.9	96.8	96.9	97.2	97.7	97.7	97.7	97.7	97.8	97.8
GE 600	73.9	74.7	83.3	86.3	92.2	93.7	96.2	97.1	97.2	97.5	98.2	98.2	98.2	98.2	98.3	98.3
GE 500	73.9	74.7	83.3	86.3	92.3	93.8	96.3	97.4	97.5	97.8	98.6	98.6	98.6	98.6	98.7	98.7
GE 400	73.9	74.7	83.3	86.3	92.4	94.0	96.7	98.0	98.1	98.4	99.2	99.2	99.2	99.2	99.4	99.4
GE 300	73.9	74.7	83.3	86.3	92.4	94.0	96.7	98.0	98.1	98.4	99.2	99.2	99.2	99.4	99.5	99.5
GE 200	73.9	74.7	83.3	86.3	92.4	94.1	96.8	98.1	98.2	98.5	99.4	99.4	99.4	99.5	99.6	99.7
GE 100	73.9	74.7	83.3	86.3	92.4	94.1	96.8	98.1	98.2	98.5	99.4	99.4	99.4	99.5	99.6	99.7
GE 000	73.9	74.7	83.3	86.3	92.4	94.1	96.8	98.1	98.2	98.5	99.4	99.4	99.4	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.2	24.5	28.1	28.3	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 20000	34.0	34.3	38.8	39.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 18000	34.2	34.5	39.0	39.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 16000	34.2	34.5	39.0	39.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 14000	34.3	34.6	39.1	39.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 12000	35.5	36.0	40.5	41.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 10000	38.4	38.9	43.4	44.2	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 9000	39.1	39.7	44.3	45.1	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000	41.8	42.5	47.8	48.7	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 7000	43.2	43.9	49.6	50.4	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	43.7	44.3	50.0	50.9	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 5000	45.8	46.5	52.2	53.1	56.3	56.5	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 4500	48.8	49.5	55.4	56.7	59.9	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 4000	54.6	55.5	61.7	63.0	66.8	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3500	60.5	61.5	68.7	70.0	74.3	74.7	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	66.5	67.7	76.0	77.4	82.9	83.3	84.0	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	68.0	69.2	77.8	79.5	85.3	85.9	86.7	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	70.3	71.7	81.0	82.6	88.4	89.1	90.1	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	70.3	71.7	81.0	82.6	88.4	89.1	90.1	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	71.2	72.6	82.6	84.5	91.0	91.8	92.8	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	71.9	73.3	84.0	85.9	92.8	93.8	94.8	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	72.3	73.7	84.3	86.3	93.7	94.7	95.8	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	72.3	73.7	84.4	86.7	94.0	95.1	96.1	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	72.3	73.7	84.6	86.9	94.3	95.4	96.6	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	72.5	73.9	84.9	87.2	94.7	95.8	97.1	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	72.6	74.0	85.2	87.6	95.5	96.6	97.8	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	72.6	74.0	85.2	87.6	95.5	96.6	97.8	98.8	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 400	72.6	74.0	85.2	87.6	95.5	96.6	97.8	98.8	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 300	72.6	74.0	85.2	87.6	95.5	96.6	97.8	98.8	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	72.6	74.0	85.2	87.6	95.5	96.6	97.8	98.8	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 100	72.6	74.0	85.2	87.6	95.5	96.6	97.8	98.8	99.0	99.4	99.6	99.7	99.7	99.7	99.9	100.0
GE 000	72.6	74.0	85.2	87.6	95.5	96.6	97.8	98.8	99.0	99.4	99.6	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	28.5	29.1	34.5	36.1	39.5	40.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 20000	34.0	34.7	40.4	42.4	46.7	47.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 18000	34.2	34.9	40.8	42.7	47.0	48.2	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 16000	34.2	34.9	40.8	42.7	47.0	48.2	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 14000	34.2	34.9	40.8	42.7	47.0	48.2	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 12000	34.3	35.1	41.2	43.1	47.5	48.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 10000	36.3	37.1	43.3	45.3	49.7	51.0	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 9000	37.2	38.0	44.7	46.7	51.1	52.4	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 8000	39.1	40.0	47.5	49.7	54.3	55.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 7000	40.3	41.2	48.7	50.9	55.5	57.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 6000	40.6	41.5	49.0	51.2	55.8	57.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 5000	42.8	43.7	51.3	53.7	58.8	60.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	45.1	45.9	53.7	56.3	61.7	63.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4000	50.9	51.7	59.9	62.7	68.5	70.1	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500	52.9	54.0	62.9	65.7	71.9	73.8	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	57.1	58.2	67.7	71.4	78.0	79.8	81.5	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500	58.6	59.7	69.8	73.7	80.9	83.1	84.9	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	61.2	62.3	72.8	76.8	84.7	87.2	89.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	61.2	62.3	72.8	76.8	84.7	87.3	89.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	61.6	62.8	74.1	78.7	87.1	89.7	91.8	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	62.2	63.3	75.1	80.2	88.8	91.4	93.7	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	62.6	63.8	75.6	80.8	89.6	92.2	94.4	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	62.6	63.8	75.8	81.1	90.0	92.6	94.9	96.7	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	62.6	63.8	75.8	81.1	90.4	93.0	95.5	97.3	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	62.7	63.9	75.9	81.3	90.6	93.2	95.7	97.5	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	62.7	63.9	75.9	81.3	90.9	93.4	96.0	97.8	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	62.7	63.9	76.0	81.4	91.1	93.8	96.3	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	62.7	63.9	76.0	81.4	91.1	93.8	96.5	98.4	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	62.7	63.9	76.0	81.4	91.1	93.8	96.5	98.5	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	62.7	63.9	76.0	81.4	91.1	93.8	96.5	98.5	98.9	99.4	99.6	99.6	99.6	99.6	99.7	99.7
GE 100	62.7	63.9	76.0	81.4	91.1	93.8	96.5	98.5	98.9	99.4	99.6	99.6	99.6	99.6	99.7	100.0
GE 000	62.7	63.9	76.0	81.4	91.1	93.8	96.5	98.5	98.9	99.4	99.6	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
IST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	29.0	29.8	34.6	37.2	42.2	43.3	44.2	44.9	45.4	45.6	46.1	46.3	46.5	46.6	46.7	47.1
GE 20000	32.4	33.2	38.7	41.4	46.6	47.8	48.9	49.8	50.2	50.5	51.1	51.3	51.4	51.5	51.6	52.0
GE 18000	32.5	33.3	38.8	41.5	46.7	48.0	49.0	49.9	50.3	50.6	51.2	51.4	51.5	51.6	51.7	52.2
GE 16000	32.5	33.3	38.8	41.5	46.7	48.0	49.0	49.9	50.3	50.6	51.2	51.4	51.5	51.6	51.7	52.2
GE 14000	32.5	33.3	38.8	41.5	46.7	48.0	49.0	49.9	50.3	50.6	51.2	51.4	51.5	51.6	51.7	52.2
GE 12000	32.5	33.3	38.8	41.5	46.7	48.0	49.0	49.9	50.3	50.6	51.2	51.4	51.5	51.6	51.7	52.2
GE 10000	34.3	35.2	41.0	43.8	49.0	50.3	51.4	52.3	52.7	53.0	53.5	53.8	53.9	54.0	54.1	54.5
GE 9000	35.6	36.5	42.6	45.4	50.6	51.9	53.0	53.9	54.3	54.6	55.2	55.4	55.5	55.6	55.7	56.1
GE 8000	37.2	38.1	44.7	47.5	53.1	54.4	55.5	56.3	56.8	57.1	57.6	57.8	58.0	58.1	58.2	58.6
GE 7000	37.6	38.5	45.2	48.0	53.5	54.8	55.9	56.8	57.2	57.5	58.1	58.3	58.4	58.5	58.6	59.0
GE 6000	37.7	38.6	45.3	48.1	53.7	54.9	56.0	56.9	57.3	57.6	58.2	58.4	58.5	58.6	58.7	59.1
GE 5000	40.1	41.0	48.5	51.4	57.3	58.6	59.7	60.5	61.0	61.3	61.8	62.0	62.2	62.3	62.4	62.8
GE 4500	41.7	42.6	50.1	53.1	59.5	60.8	62.0	62.9	63.4	63.8	64.3	64.5	64.6	64.7	64.8	65.3
GE 4000	45.9	46.8	55.3	58.4	65.6	67.2	68.5	69.5	70.0	70.3	70.9	71.1	71.2	71.3	71.4	71.8
GE 3500	48.2	49.0	58.2	61.5	68.9	70.5	72.2	73.2	73.8	74.2	74.7	74.9	75.1	75.2	75.3	75.7
GE 3000	51.8	52.8	63.0	66.9	75.2	76.9	78.5	79.8	80.3	80.9	81.4	81.6	81.7	81.8	81.9	82.4
GE 2500	53.7	54.7	65.2	69.4	77.8	79.7	81.3	82.7	83.2	83.8	84.3	84.5	84.6	84.7	84.8	85.3
GE 2000	55.9	57.0	67.6	71.9	80.8	83.0	84.6	86.0	86.6	87.1	87.6	87.8	88.0	88.1	88.2	88.6
GE 1800	55.9	57.0	67.6	71.9	80.8	83.0	84.9	86.3	86.9	87.4	88.0	88.2	88.3	88.4	88.5	88.9
GE 1500	57.1	58.3	69.7	74.3	83.4	85.8	87.8	89.4	89.9	90.4	91.0	91.2	91.3	91.4	91.5	91.9
CE 1200	57.5	58.7	70.3	75.1	84.3	86.7	89.4	90.9	91.4	91.9	92.5	92.7	92.8	92.9	93.0	93.4
GE 1000	57.6	58.8	70.5	75.5	84.9	87.4	90.1	91.6	92.2	92.7	93.2	93.4	93.5	93.7	93.8	94.2
GE 900	57.7	58.9	70.9	75.8	85.3	87.7	90.4	91.9	92.5	93.1	93.8	94.0	94.1	94.2	94.3	94.7
GE 800	57.8	59.0	71.1	76.1	85.7	88.2	91.4	93.2	93.8	94.5	95.2	95.4	95.5	95.7	95.9	96.3
GE 700	57.8	59.0	71.1	76.1	85.9	88.4	91.7	93.7	94.2	95.2	95.8	96.0	96.1	96.3	96.6	97.0
GE 600	57.8	59.0	71.2	76.2	86.1	88.6	91.9	93.9	94.4	95.4	96.0	96.2	96.3	96.6	96.8	97.2
GE 500	58.0	59.1	71.4	76.6	86.6	89.0	92.4	94.4	95.3	96.2	96.9	97.1	97.2	97.4	97.6	98.1
GE 400	58.0	59.1	71.4	76.6	86.7	89.1	92.8	94.8	95.7	96.7	97.3	97.5	97.6	97.8	98.1	98.5
GE 300	58.0	59.1	71.4	76.6	86.7	89.1	92.9	94.9	95.8	96.8	97.4	97.6	97.7	98.1	98.3	98.9
GE 200	58.0	59.1	71.4	76.6	86.8	89.2	93.0	95.1	95.9	96.9	97.6	97.8	98.0	98.3	98.5	99.5
GE 100	58.0	59.1	71.4	76.6	86.8	89.2	93.0	95.1	95.9	96.9	97.6	97.8	98.0	98.3	98.5	99.8
GE 000	58.0	59.1	71.4	76.6	86.8	89.2	93.0	95.1	95.9	96.9	97.6	97.8	98.0	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL	25.6	26.1	30.2	31.8	34.9	35.9	36.8	37.6	37.9	38.1	38.3	38.5	38.5	38.7	38.8	39.3
GE 20000	31.3	31.8	36.4	38.3	41.8	42.9	43.9	44.8	45.1	45.3	45.6	45.8	45.8	46.0	46.2	46.7
GE 18000	31.5	32.0	36.6	38.5	42.0	43.1	44.1	45.0	45.3	45.6	45.8	46.0	46.1	46.2	46.5	46.9
GE 16000	31.5	32.0	36.6	38.5	42.0	43.1	44.1	45.0	45.3	45.6	45.8	46.0	46.1	46.3	46.5	46.9
GE 14000	31.5	32.0	36.7	38.6	42.1	43.2	44.2	45.1	45.4	45.7	45.9	46.1	46.2	46.3	46.5	47.0
GE 12000	32.0	32.5	37.2	39.1	42.6	43.8	44.8	45.7	46.0	46.3	46.5	46.7	46.7	46.9	47.1	47.6
GE 10000	33.8	34.3	39.2	41.2	44.9	46.0	47.1	48.0	48.4	48.7	49.0	49.2	49.2	49.4	49.6	50.1
GE 9000	34.6	35.2	40.3	42.4	46.0	47.2	48.3	49.2	49.6	49.9	50.2	50.3	50.4	50.6	50.8	51.3
GE 8000	37.8	38.4	44.0	46.2	50.1	51.4	52.6	53.5	53.9	54.3	54.6	54.8	54.9	55.1	55.3	55.8
GE 7000	38.4	39.0	44.7	46.9	50.9	52.2	53.4	54.3	54.7	55.1	55.4	55.6	55.7	55.9	56.1	56.5
GE 6000	38.5	39.1	44.8	47.0	51.0	52.3	53.5	54.5	54.9	55.2	55.6	55.8	55.8	56.0	56.2	56.7
GE 5000	40.3	40.9	46.9	49.2	53.5	54.9	56.2	57.2	57.6	57.9	58.3	58.5	58.5	58.7	58.9	59.4
GE 4500	42.4	43.1	49.4	51.8	56.3	57.7	59.0	60.1	60.5	60.8	61.2	61.5	61.5	61.7	61.9	62.4
GE 4000	47.2	47.9	54.8	57.4	62.6	64.2	65.8	66.8	67.3	67.7	68.1	68.4	68.5	68.7	68.9	69.3
GE 3500	50.3	51.0	58.5	61.2	67.0	68.8	70.5	71.7	72.1	72.6	73.1	73.3	73.4	73.6	73.8	74.3
GE 3000	54.5	55.4	63.5	66.5	72.9	74.7	76.7	78.1	78.6	79.1	79.6	79.9	80.0	80.2	80.4	80.9
GE 2500	56.2	57.0	65.7	68.9	75.7	77.7	79.8	81.3	81.9	82.4	83.0	83.2	83.3	83.5	83.7	84.2
GE 2000	58.1	59.0	68.2	71.6	78.7	80.8	83.1	84.8	85.3	85.9	86.4	86.7	86.8	87.0	87.2	87.7
GE 1800	58.3	59.1	68.4	71.7	78.9	81.0	83.3	85.0	85.6	86.1	86.6	86.9	87.0	87.2	87.4	87.9
GE 1500	59.3	60.2	70.0	73.7	81.4	83.7	86.1	87.8	88.4	89.0	89.5	89.8	89.9	90.1	90.3	90.8
GE 1200	59.7	60.7	70.8	74.7	82.6	84.9	87.5	89.3	89.9	90.5	91.1	91.3	91.4	91.6	91.8	92.3
GE 1000	60.1	61.1	71.4	75.4	83.6	86.0	88.6	90.6	91.2	91.8	92.4	92.7	92.8	93.0	93.2	93.7
GE 900	60.2	61.2	71.5	75.6	83.9	86.3	89.0	91.0	91.6	92.3	93.0	93.2	93.3	93.5	93.8	94.2
GE 800	60.3	61.3	71.8	75.9	84.4	86.8	89.6	91.8	92.4	93.1	93.8	94.0	94.1	94.4	94.6	95.1
GE 700	60.4	61.3	71.9	76.1	84.6	87.1	90.0	92.3	92.9	93.8	94.4	94.7	94.8	95.1	95.3	95.8
GE 600	60.4	61.3	72.0	76.3	85.0	87.4	90.5	92.9	93.6	94.5	95.2	95.5	95.6	95.8	96.1	96.6
GE 500	60.4	61.4	72.1	76.3	85.1	87.6	90.6	93.2	94.0	95.0	95.8	96.1	96.3	96.5	96.7	97.2
GE 400	60.4	61.4	72.1	76.3	85.2	87.7	90.8	93.6	94.4	95.4	96.3	96.6	96.7	97.0	97.2	97.7
GE 300	60.4	61.4	72.1	76.3	85.2	87.7	90.9	93.7	94.5	95.6	96.5	96.8	97.0	97.3	97.5	98.1
GE 200	60.4	61.4	72.1	76.3	85.2	87.8	91.0	93.8	94.6	95.8	96.7	97.1	97.4	97.7	97.9	98.8
GE 100	60.4	61.4	72.1	76.3	85.2	87.8	91.0	93.8	94.6	95.8	96.7	97.1	97.4	97.7	98.1	99.5
GE 000	60.4	61.4	72.1	76.3	85.2	87.8	91.0	93.8	94.6	95.8	96.7	97.1	97.4	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GF 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	28.1	28.4	29.9	30.7	33.3	33.7	35.0	35.8	36.2	36.7	36.7	36.9	37.0	37.2	37.6	38.4
GE 20000	29.7	30.2	32.4	33.4	36.2	36.6	37.9	38.7	39.3	39.9	39.9	40.2	40.3	40.6	41.0	41.9
GE 18000	29.7	30.2	32.4	33.4	36.2	36.6	37.9	38.7	39.3	39.9	39.9	40.2	40.3	40.6	41.0	41.9
GE 16000	29.7	30.2	32.4	33.4	36.2	36.6	37.9	38.7	39.3	39.9	39.9	40.2	40.3	40.6	41.0	41.9
GE 14000	29.7	30.2	32.4	33.4	36.2	36.6	37.9	38.7	39.3	39.9	39.9	40.2	40.3	40.6	41.0	41.9
GE 12000	29.7	30.2	32.4	33.4	36.2	36.6	37.9	38.7	39.3	39.9	39.9	40.2	40.3	40.6	41.0	41.9
GE 10000	30.7	31.2	33.7	34.7	37.7	38.0	39.3	40.1	40.8	41.3	41.3	41.7	41.8	42.0	42.4	43.3
GE 9000	31.0	31.6	34.0	35.0	38.0	38.3	39.7	40.4	41.1	41.7	41.7	42.0	42.1	42.3	42.8	43.7
GE 8000	33.4	34.0	36.7	37.8	41.0	41.3	42.7	43.4	44.2	44.8	44.8	45.1	45.2	45.4	45.9	46.8
GE 7000	33.9	34.4	37.2	38.3	41.7	42.0	43.3	44.1	44.9	45.4	45.4	45.8	45.9	46.1	46.6	47.4
GE 6000	33.9	34.4	37.2	38.3	41.7	42.0	43.3	44.1	44.9	45.4	45.4	45.8	45.9	46.1	46.6	47.4
GE 5000	36.4	37.0	40.3	41.9	45.4	45.8	47.1	47.9	48.7	49.2	49.2	49.6	49.7	49.9	50.3	51.2
GE 4500	39.9	40.4	44.7	46.2	50.0	50.6	51.9	52.7	53.4	54.0	54.0	54.3	54.4	54.7	55.1	56.0
GE 4000	45.0	45.7	50.4	52.1	56.1	56.7	58.1	59.1	60.0	60.6	60.6	60.9	61.0	61.2	61.7	62.6
GE 3500	48.6	49.2	54.8	57.0	61.2	61.9	64.1	65.2	66.2	66.8	66.8	67.1	67.2	67.4	67.9	68.8
GE 3000	51.6	52.2	58.1	60.6	65.3	66.0	68.3	69.7	70.7	71.3	71.3	71.7	71.8	72.0	72.4	73.3
GE 2500	53.9	54.6	61.1	63.9	69.4	70.3	72.8	74.2	75.2	75.9	75.9	76.2	76.3	76.6	77.0	77.9
GE 2000	56.8	57.4	64.3	67.1	73.3	74.4	77.0	78.4	79.4	80.1	80.1	80.4	80.6	80.8	81.2	82.1
GE 1800	57.1	57.8	64.8	67.6	74.0	75.2	77.8	79.2	80.2	80.9	81.0	81.3	81.4	81.7	82.1	83.0
GE 1500	58.7	59.3	66.6	69.4	76.2	77.6	80.2	81.9	82.9	83.6	83.7	84.0	84.1	84.4	84.9	85.9
GE 1200	59.4	60.2	67.8	70.9	77.7	79.0	81.9	83.7	84.7	85.3	85.4	85.8	85.9	86.2	86.7	87.7
GE 1000	60.1	60.8	68.7	71.9	79.1	80.8	83.8	85.7	86.7	87.3	87.4	87.8	87.9	88.2	88.7	89.7
GE 900	60.7	61.3	69.2	72.4	79.7	81.3	84.3	86.2	87.2	87.9	88.0	88.3	88.4	88.8	89.2	90.2
GE 800	60.9	61.6	69.6	72.8	80.2	82.3	85.8	87.9	88.9	89.6	89.9	90.2	90.3	90.7	91.1	92.1
GE 700	60.9	61.6	69.6	72.8	80.2	82.6	86.0	88.3	89.3	90.1	90.4	90.8	90.9	91.2	91.7	92.7
GE 600	60.9	61.6	69.6	72.9	80.4	82.9	86.4	89.0	90.2	91.0	91.3	91.7	91.8	92.1	92.6	93.6
GE 500	60.9	61.6	69.6	72.9	80.6	83.1	86.7	89.8	91.0	92.0	92.3	92.7	92.8	93.1	93.6	94.6
GE 400	60.9	61.6	69.6	72.9	80.6	83.1	86.7	89.9	91.3	92.6	92.9	93.2	93.4	93.8	94.2	95.2
GE 300	60.9	61.6	69.6	72.9	80.6	83.2	86.9	90.3	91.9	93.1	93.4	93.9	94.1	94.6	95.2	96.3
GE 200	60.9	61.6	69.6	72.9	80.6	83.2	86.9	90.8	92.3	93.8	94.2	94.7	95.0	95.6	96.6	97.8
GE 100	60.9	61.6	69.6	72.9	80.6	83.2	86.9	90.8	92.3	93.8	94.2	94.7	95.2	95.9	97.0	99.1
GE 000	60.9	61.6	69.6	72.9	80.6	83.2	86.9	90.8	92.3	93.8	94.2	94.7	95.2	95.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.3	26.6	28.8	29.0	31.3	32.1	34.0	34.4	35.0	35.2	35.2	35.2	35.2	35.4	35.8	36.4
GE 20000	28.0	28.2	30.9	31.2	33.6	34.3	36.2	36.7	37.2	37.4	37.4	37.6	37.6	37.8	38.1	38.8
GE 18000	28.2	28.4	31.1	31.4	33.8	34.6	36.4	36.9	37.4	37.7	37.7	37.8	37.8	38.0	38.3	39.0
GE 16000	28.2	28.4	31.1	31.4	33.8	34.6	36.4	36.9	37.4	37.7	37.7	37.8	37.8	38.0	38.3	39.0
GE 14000	28.2	28.4	31.1	31.4	33.8	34.6	36.4	36.9	37.4	37.7	37.7	37.8	37.8	38.0	38.3	39.0
GE 12000	28.2	28.4	31.1	31.4	33.8	34.6	36.4	36.9	37.4	37.7	37.7	37.8	37.8	38.0	38.3	39.0
GE 10000	29.1	29.3	32.0	32.3	35.0	35.8	37.7	38.1	38.7	38.9	38.9	39.0	39.0	39.2	39.6	40.2
GE 9000	29.3	29.6	32.3	32.7	35.3	36.1	38.0	38.4	39.0	39.2	39.2	39.3	39.3	39.6	39.9	40.6
GE 8000	31.7	31.9	34.9	35.2	38.3	39.1	41.0	41.4	42.0	42.2	42.2	42.3	42.3	42.6	42.9	43.6
GE 7000	32.1	32.3	35.6	36.1	39.2	40.0	41.9	42.3	42.9	43.1	43.1	43.2	43.2	43.4	43.9	44.6
GE 6000	32.1	32.3	35.6	36.1	39.2	40.0	41.9	42.3	42.9	43.1	43.1	43.2	43.2	43.4	43.9	44.6
GE 5000	35.0	35.2	38.7	39.7	43.2	44.0	45.9	46.6	47.2	47.4	47.4	47.6	47.6	47.8	48.2	48.9
GE 4500	37.8	38.0	41.4	42.4	46.0	46.9	48.8	49.4	50.1	50.3	50.3	50.4	50.4	50.7	51.1	51.8
GE 4000	44.4	44.9	48.7	50.0	54.0	55.0	56.9	57.7	58.4	58.9	58.9	59.0	59.0	59.2	59.7	60.3
GE 3500	47.1	47.6	51.7	53.3	58.1	59.2	61.3	62.1	62.9	63.3	63.3	63.4	63.4	63.7	64.1	64.8
GE 3000	50.4	50.9	55.7	57.3	63.0	64.2	66.8	67.9	68.7	69.1	69.1	69.2	69.2	69.4	69.9	70.6
GE 2500	52.6	53.0	58.4	60.2	66.6	68.0	70.6	71.7	72.4	72.9	72.9	73.0	73.0	73.2	73.7	74.3
GE 2000	55.3	55.9	61.8	63.8	70.7	72.2	74.8	75.9	76.7	77.1	77.1	77.2	77.2	77.4	77.9	78.6
GE 1800	55.9	56.4	62.7	64.8	71.8	73.3	75.9	77.0	77.8	78.2	78.4	78.6	78.6	78.8	79.2	79.9
GE 1500	57.2	57.8	64.6	66.8	74.4	76.0	78.6	79.8	80.8	81.2	81.4	81.6	81.6	81.8	82.2	83.0
GE 1200	59.1	59.7	66.4	69.0	77.1	78.7	81.3	82.9	84.0	84.4	84.7	84.8	84.8	85.0	85.4	86.2
GE 1000	59.2	59.8	67.2	69.9	78.4	80.6	83.2	84.9	86.1	86.8	87.0	87.1	87.1	87.3	87.8	88.6
GE 900	59.3	59.9	67.6	70.2	78.8	81.0	83.8	85.8	87.0	87.7	87.9	88.0	88.0	88.2	88.7	89.4
GE 800	59.3	59.9	67.7	70.4	79.0	81.4	84.2	86.6	87.8	88.6	88.9	89.0	89.0	89.2	89.7	90.4
GE 700	59.3	59.9	67.8	70.6	79.4	81.9	84.8	87.3	88.6	89.3	89.7	89.8	89.8	90.1	90.6	91.3
GE 600	59.3	59.9	67.8	70.7	80.0	82.6	85.9	88.6	89.8	90.6	90.9	91.0	91.0	91.3	91.8	92.6
GE 500	59.3	59.9	67.8	70.7	80.1	82.7	86.3	89.4	91.0	91.8	92.1	92.2	92.2	92.7	93.1	93.9
GE 400	59.3	59.9	67.8	70.7	80.1	82.8	86.4	89.7	91.2	92.0	92.4	92.6	92.6	93.0	93.4	94.2
GE 300	59.3	59.9	67.8	70.7	80.1	82.8	86.7	89.9	91.7	92.4	93.0	93.1	93.1	93.6	94.3	95.1
GE 200	59.3	59.9	67.8	70.7	80.3	83.0	86.9	90.1	91.9	92.7	93.2	93.7	93.8	94.4	95.3	96.1
GE 100	59.3	59.9	67.8	70.7	80.3	83.0	86.9	90.1	91.9	92.7	93.4	93.9	94.1	95.0	95.9	99.1
GE 000	59.3	59.9	67.8	70.7	80.3	83.0	86.9	90.1	91.9	92.7	93.4	93.9	94.1	95.0	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	19.2	19.4	21.9	22.7	24.0	24.7	25.6	26.6	26.9	27.3	27.4	27.4	27.4	27.6	28.1	28.6
GE 20000	22.0	22.3	25.2	26.1	27.4	28.1	29.1	30.2	30.6	31.0	31.2	31.2	31.2	31.3	31.9	32.3
GE 18000	22.0	22.3	25.2	26.1	27.4	28.1	29.1	30.2	30.6	31.0	31.2	31.2	31.2	31.3	31.9	32.3
GE 16000	22.0	22.3	25.2	26.1	27.4	28.1	29.1	30.2	30.6	31.0	31.2	31.2	31.2	31.3	31.9	32.3
GE 14000	22.0	22.3	25.2	26.1	27.4	28.1	29.1	30.2	30.6	31.0	31.2	31.2	31.2	31.3	31.9	32.3
GE 12000	22.1	22.4	25.3	26.2	27.6	28.2	29.2	30.3	30.7	31.1	31.3	31.3	31.3	31.4	32.0	32.4
GE 10000	23.3	23.8	26.8	27.8	29.1	29.9	30.9	32.0	32.3	32.8	33.0	33.0	33.0	33.1	33.7	34.1
GE 9000	23.8	24.2	27.6	28.6	30.0	30.8	31.8	32.9	33.2	33.7	33.9	33.9	33.9	34.0	34.7	35.2
GE 8000	26.6	27.0	30.6	31.6	33.6	34.3	35.3	36.7	37.0	37.4	37.7	37.7	37.7	37.8	38.4	39.0
GE 7000	28.2	28.7	32.2	33.3	35.3	36.1	37.1	38.4	38.8	39.2	39.4	39.4	39.4	39.6	40.2	40.8
GE 6000	28.3	28.8	32.3	33.4	35.4	36.2	37.2	38.6	38.9	39.3	39.6	39.6	39.6	39.7	40.3	40.9
GE 5000	31.0	31.4	35.2	36.8	38.9	39.9	41.1	42.8	43.1	43.6	43.9	43.9	43.9	44.1	44.8	45.3
GE 4500	34.2	34.7	38.8	40.3	42.7	43.7	44.9	46.6	46.9	47.3	47.7	47.7	47.7	47.9	48.6	49.1
GE 4000	40.0	40.6	45.2	47.2	49.7	50.7	52.0	53.9	54.3	54.8	55.1	55.2	55.2	55.4	56.1	56.7
GE 3500	44.3	44.9	50.3	52.4	55.8	56.9	58.3	60.2	60.7	61.2	61.6	61.7	61.7	61.9	62.6	63.1
GE 3000	47.9	48.6	54.8	57.1	60.7	61.8	63.4	65.6	66.1	66.8	67.1	67.2	67.3	67.6	68.2	68.8
GE 2500	49.9	50.7	57.1	59.7	63.6	64.9	66.7	68.8	69.3	70.0	70.3	70.4	70.6	70.8	71.4	72.0
GE 2000	52.2	53.0	59.9	62.9	67.4	68.8	70.8	72.9	73.6	74.4	74.9	75.1	75.2	75.4	76.1	76.7
GE 1800	52.4	53.2	60.1	63.2	67.8	69.1	71.1	73.2	73.9	74.8	75.2	75.4	75.6	75.8	76.4	77.0
GE 1500	54.9	55.7	63.1	66.4	71.8	73.1	75.2	77.4	78.3	79.3	79.8	80.0	80.1	80.3	81.0	81.6
GE 1200	56.2	57.0	65.0	68.6	74.6	75.9	78.1	80.7	81.8	82.8	83.2	83.4	83.6	83.8	84.4	85.0
GE 1000	56.6	57.3	65.4	69.0	75.7	77.0	79.4	82.6	83.8	84.8	85.2	85.4	85.6	85.8	86.4	87.0
GE 900	56.7	57.4	65.7	69.2	76.3	77.8	80.3	84.0	85.2	86.2	86.7	86.9	87.0	87.2	87.9	88.4
GE 800	56.9	57.7	66.1	69.7	76.8	78.3	81.0	84.8	86.1	87.2	87.7	87.9	88.0	88.2	88.9	89.4
GE 700	57.0	57.8	66.2	69.8	77.1	78.8	82.4	86.4	87.9	89.0	89.4	89.7	89.8	90.0	90.7	91.2
GE 600	57.1	57.9	66.4	70.0	77.6	79.2	83.0	87.1	88.8	89.9	90.3	90.6	90.7	90.9	91.6	92.1
GE 500	57.2	58.0	66.6	70.1	77.8	79.8	84.0	88.4	90.2	91.3	91.8	92.0	92.2	92.4	93.1	93.7
GE 400	57.2	58.0	66.6	70.1	77.8	79.8	84.2	88.9	90.7	91.9	92.3	92.6	92.9	93.3	94.0	94.7
GE 300	57.2	58.0	66.6	70.1	77.8	79.8	84.3	89.3	91.3	92.7	93.2	93.6	94.0	94.7	95.4	96.1
GE 200	57.2	58.0	66.6	70.1	77.8	79.8	84.3	89.3	91.3	92.7	93.2	93.6	94.0	94.8	95.6	96.6
GE 100	57.2	58.0	66.6	70.1	77.8	79.8	84.3	89.3	91.4	92.9	93.4	93.8	94.2	95.0	96.2	99.3
GE 000	57.2	58.0	66.6	70.1	77.8	79.8	84.3	89.3	91.4	92.9	93.4	93.8	94.2	95.0	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 09-1

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.9	18.3	21.0	21.8	23.4	24.1	24.4	25.6	25.6	25.6	26.0	26.0	26.0	26.1	26.2	26.3
GE 20000	22.4	23.1	27.7	28.6	30.8	31.9	32.6	33.8	33.8	34.0	34.4	34.4	34.4	34.6	34.7	34.9
GE 18000	23.0	23.7	28.2	29.1	31.3	32.4	33.1	34.3	34.3	34.6	35.0	35.0	35.0	35.1	35.2	35.4
GE 16000	23.0	23.7	28.2	29.1	31.3	32.4	33.1	34.3	34.3	34.6	35.0	35.0	35.0	35.1	35.2	35.4
GE 14000	23.3	24.0	28.6	29.7	31.9	33.0	33.7	34.9	34.9	35.1	35.6	35.6	35.6	35.7	35.8	36.0
GE 12000	23.9	24.6	29.1	30.2	32.4	33.6	34.2	35.4	35.4	35.7	36.1	36.1	36.1	36.2	36.3	36.6
GE 10000	25.4	26.1	30.8	31.9	34.2	35.3	36.2	37.4	37.4	37.7	38.1	38.1	38.1	38.2	38.3	38.6
GE 9000	26.4	27.1	31.8	32.9	35.2	36.3	37.2	38.4	38.4	38.7	39.1	39.1	39.1	39.2	39.3	39.6
GE 8000	30.4	31.2	36.3	37.4	40.1	41.3	42.3	43.8	43.8	44.0	44.4	44.4	44.4	44.6	44.7	44.9
GE 7000	32.1	32.9	38.2	39.3	42.1	43.3	44.3	45.8	45.8	46.0	46.4	46.4	46.4	46.6	46.7	46.9
GE 6000	32.3	33.1	38.4	39.6	42.3	43.6	44.6	46.0	46.0	46.2	46.7	46.7	46.7	46.8	46.9	47.1
GE 5000	33.9	34.7	40.1	41.3	44.1	45.3	46.8	48.4	48.7	49.2	49.8	49.8	49.8	49.9	50.0	50.2
GE 4500	37.3	38.1	44.0	45.3	48.4	49.7	51.1	52.8	53.0	53.6	54.1	54.1	54.1	54.2	54.3	54.6
GE 4000	41.7	42.6	49.2	50.8	54.0	55.2	56.9	58.7	58.9	59.6	60.1	60.1	60.1	60.2	60.3	60.6
GE 3500	45.2	46.1	54.1	55.8	59.3	60.8	62.6	64.6	64.8	65.4	66.0	66.1	66.1	66.2	66.3	66.6
GE 3000	48.9	49.9	58.4	60.1	63.9	65.3	67.6	69.8	70.1	70.8	71.3	71.4	71.4	71.6	71.7	71.9
GE 2500	50.6	51.6	60.2	62.2	66.7	68.1	70.6	72.9	73.2	73.9	74.4	74.6	74.6	74.7	74.8	75.0
GE 2000	52.9	53.9	62.7	65.1	69.9	71.6	74.7	77.2	77.6	78.2	79.4	79.6	79.6	79.7	79.8	80.0
GE 1800	53.0	54.0	62.8	65.2	70.3	72.0	75.1	77.7	78.0	78.7	79.9	80.0	80.0	80.1	80.2	80.4
GE 1500	54.6	55.6	64.9	67.9	73.2	75.2	78.4	81.0	81.7	82.3	83.6	83.7	83.7	83.8	83.9	84.1
GE 1200	56.2	57.2	66.9	69.9	75.3	77.6	81.3	84.1	84.8	85.4	86.7	86.8	86.8	86.9	87.0	87.2
GE 1000	56.7	57.7	68.1	71.1	77.0	79.4	84.0	86.9	87.6	88.2	89.4	89.6	89.7	89.8	89.9	90.1
GE 900	56.7	57.7	68.1	71.2	77.1	79.6	84.3	87.2	87.9	88.6	89.8	89.9	90.0	90.1	90.2	90.4
GE 800	56.7	57.7	68.3	71.4	77.4	79.9	84.7	87.7	88.3	89.2	90.4	90.7	90.8	90.9	91.0	91.2
GE 700	56.9	57.9	68.8	72.0	78.6	81.2	86.4	89.8	90.4	91.3	92.6	92.8	92.9	93.0	93.1	93.3
GE 600	57.0	58.0	68.9	72.1	78.7	81.3	86.6	89.9	90.6	91.4	92.7	92.9	93.0	93.1	93.2	93.4
GE 500	57.0	58.0	68.9	72.1	78.9	81.6	86.9	90.2	91.0	92.6	93.9	94.2	94.3	94.4	94.6	94.8
GE 400	57.0	58.0	68.9	72.1	78.9	81.9	87.2	90.9	91.7	93.4	94.8	95.1	95.2	95.3	95.4	95.7
GE 300	57.0	58.0	68.9	72.1	78.9	81.9	87.2	91.1	92.1	94.1	95.6	96.0	96.1	96.3	96.6	97.1
GE 200	57.0	58.0	68.9	72.1	78.9	81.9	87.2	91.1	92.1	94.2	95.8	96.3	96.6	96.8	97.0	97.9
GE 100	57.0	58.0	68.9	72.1	78.9	81.9	87.2	91.1	92.1	94.2	95.8	96.4	96.7	97.0	97.2	99.6
GE 000	57.0	58.0	68.9	72.1	78.9	81.9	87.2	91.1	92.1	94.2	95.8	96.4	96.7	97.1	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.2	20.3	22.8	23.2	24.0	24.3	24.4	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.8	24.9
GE 20000	28.2	28.6	32.3	32.9	33.9	34.2	34.6	34.7	34.7	34.7	34.9	34.9	34.9	34.9	35.1	35.2
GE 18000	28.6	28.9	32.8	33.3	34.3	34.7	35.0	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.6	35.7
GE 16000	28.6	28.9	32.8	33.3	34.3	34.7	35.0	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.6	35.7
GE 14000	28.7	29.0	32.9	33.4	34.4	34.8	35.1	35.2	35.2	35.2	35.4	35.4	35.4	35.4	35.7	35.8
GE 12000	29.1	29.4	33.3	33.9	34.9	35.2	35.6	35.7	35.7	35.7	35.9	35.9	35.9	35.9	36.1	36.2
GE 10000	31.7	32.0	36.1	36.7	37.8	38.1	38.4	38.6	38.6	38.6	38.9	38.9	38.9	38.9	39.1	39.2
GE 9000	33.0	33.3	37.4	38.0	39.1	39.4	39.8	39.9	39.9	39.9	40.2	40.2	40.2	40.2	40.4	40.6
GE 8000	37.3	37.8	42.4	43.0	44.1	44.7	45.0	45.1	45.1	45.1	45.6	45.6	45.6	45.6	45.8	45.9
GE 7000	39.2	39.7	44.4	45.2	46.4	47.0	47.3	47.4	47.4	47.4	47.9	47.9	47.9	47.9	48.1	48.2
GE 6000	39.7	40.1	44.9	45.7	46.9	47.4	47.8	47.9	47.9	47.9	48.3	48.3	48.3	48.3	48.6	48.7
GE 5000	40.8	41.2	46.1	47.0	49.0	49.6	50.1	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.2	51.3
GE 4500	44.4	44.9	50.1	51.0	53.0	53.6	54.1	54.4	54.4	54.4	55.1	55.1	55.1	55.1	55.3	55.4
GE 4000	48.8	49.2	54.8	55.7	57.8	58.6	59.2	59.6	59.6	59.6	60.2	60.2	60.2	60.2	60.4	60.6
GE 3500	51.7	52.2	58.4	59.4	62.0	63.0	63.8	64.2	64.2	64.2	64.9	64.9	64.9	64.9	65.1	65.2
GE 3000	56.9	57.4	64.6	65.6	68.6	69.7	70.9	71.6	71.6	71.6	72.2	72.2	72.2	72.2	72.4	72.6
GE 2500	59.0	59.6	67.0	68.3	71.7	72.9	74.2	75.0	75.0	75.2	76.0	76.0	76.0	76.0	76.2	76.3
GE 2000	62.6	63.1	71.0	72.3	75.8	77.4	79.1	79.9	79.9	80.1	81.1	81.2	81.4	81.4	81.7	81.8
GE 1800	62.8	63.3	71.2	72.6	76.0	77.7	79.3	80.1	80.1	80.3	81.3	81.4	81.7	81.7	81.9	82.0
GE 1500	64.7	65.2	74.0	75.4	79.3	81.0	82.7	83.6	83.6	83.9	84.9	85.0	85.2	85.2	85.4	85.6
GE 1200	66.0	66.6	76.0	77.4	82.7	84.7	86.9	87.9	87.9	88.4	89.4	89.6	89.8	89.8	90.0	90.1
GE 1000	66.6	67.1	77.3	79.1	84.8	87.0	89.6	90.8	90.8	91.4	92.4	92.6	92.8	92.8	93.0	93.1
GE 900	66.6	67.1	77.3	79.2	85.0	87.2	89.8	91.0	91.0	91.7	92.7	92.9	93.1	93.1	93.3	93.4
GE 800	66.7	67.2	77.6	79.4	85.4	87.7	90.3	91.7	91.8	92.4	93.6	93.8	94.0	94.0	94.2	94.3
GE 700	66.7	67.2	77.6	79.4	85.4	87.7	90.9	92.4	92.6	93.2	94.3	94.6	94.8	94.8	95.0	95.1
GE 600	66.7	67.2	77.6	79.4	85.4	87.7	91.0	92.8	92.9	93.7	94.8	95.0	95.3	95.3	95.6	95.7
GE 500	66.7	67.2	77.7	79.6	85.6	87.8	91.1	92.9	93.1	94.1	95.2	95.6	96.0	96.0	96.2	96.3
GE 400	66.7	67.2	77.7	79.6	85.6	87.9	91.3	93.3	93.6	94.8	95.9	96.3	96.8	96.8	97.0	97.1
GE 300	66.7	67.2	77.7	79.6	85.6	87.9	91.3	93.7	93.9	95.7	97.0	97.4	97.9	97.9	98.2	98.6
GE 200	66.7	67.2	77.7	79.6	85.6	87.9	91.3	93.7	93.9	95.7	97.0	97.6	98.2	98.2	98.6	98.9
GE 100	66.7	67.2	77.7	79.6	85.6	87.9	91.3	93.7	93.9	95.7	97.0	97.6	98.2	98.4	98.8	100.0
GE 000	66.7	67.2	77.7	79.6	85.6	87.9	91.3	93.7	93.9	95.7	97.0	97.6	98.2	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 15-17

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.0	20.2	23.2	23.7	25.1	25.1	25.3	25.4	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 20000	25.4	25.7	29.7	30.6	32.4	32.4	32.8	32.9	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 18000	25.8	26.0	30.0	30.9	32.8	32.8	33.1	33.2	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 16000	25.8	26.0	30.0	30.9	32.8	32.8	33.1	33.2	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 14000	25.8	26.0	30.0	30.9	32.8	32.8	33.1	33.2	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 12000	26.3	26.6	30.6	31.4	33.3	33.3	33.7	33.8	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 10000	28.8	29.1	33.3	34.3	36.2	36.2	36.6	36.7	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 9000	30.0	30.3	34.6	35.6	37.4	37.4	37.8	37.9	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8
GE 8000	33.7	34.0	39.0	40.1	42.1	42.1	42.4	42.8	43.1	43.4	43.8	43.8	43.8	43.8	43.8	43.8
GE 7000	35.3	35.7	41.0	42.1	44.3	44.3	44.7	45.0	45.3	45.7	46.0	46.0	46.0	46.0	46.0	46.0
GE 6000	35.4	35.8	41.1	42.2	44.4	44.4	44.9	45.2	45.6	45.9	46.2	46.2	46.2	46.2	46.2	46.2
GE 5000	37.8	38.1	43.8	45.0	47.3	47.3	47.8	48.2	48.6	49.1	49.6	49.6	49.6	49.6	49.6	49.6
GE 4500	40.2	40.6	46.6	47.8	50.1	50.2	50.8	51.2	51.6	52.2	52.8	52.8	52.8	52.8	52.8	52.8
GE 4000	46.0	46.4	53.2	54.4	56.8	57.0	57.8	58.2	58.6	59.2	59.8	59.8	59.8	59.8	59.8	59.8
GE 3500	49.9	50.3	58.1	59.3	61.8	62.0	63.2	63.8	64.1	64.8	65.4	65.4	65.4	65.4	65.4	65.4
GE 3000	56.1	56.6	65.4	66.9	69.9	70.2	71.8	72.3	72.9	73.6	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	59.0	59.4	69.3	71.0	74.6	74.9	76.8	77.6	78.1	79.0	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	60.9	61.3	71.4	73.1	77.1	77.6	79.7	80.4	81.0	82.0	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	61.3	61.8	72.1	73.8	77.8	78.2	80.3	81.1	81.7	82.7	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	62.3	62.9	74.1	75.9	80.2	81.1	83.6	84.6	85.2	86.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	62.8	63.3	75.4	77.6	82.6	83.7	86.7	88.2	88.9	90.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	63.2	63.8	77.3	79.7	85.0	86.2	89.3	91.1	91.8	93.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	63.2	63.8	77.3	79.7	85.1	86.3	89.4	91.2	91.9	93.6	94.6	94.6	94.6	94.7	94.7	94.7
GE 800	63.4	64.0	77.8	80.1	85.6	86.9	90.3	92.1	92.8	94.4	95.4	95.4	95.6	95.6	95.6	95.6
GE 700	63.4	64.0	77.8	80.1	85.6	87.0	90.8	92.8	93.4	95.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 600	63.4	64.0	77.8	80.1	85.6	87.1	90.9	92.9	93.6	95.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 500	63.4	64.0	77.8	80.1	85.6	87.1	91.1	93.3	94.1	95.9	97.0	97.0	97.2	97.2	97.2	97.2
GE 400	63.4	64.0	77.8	80.1	85.6	87.1	91.1	93.3	94.2	96.1	97.2	97.6	97.8	97.8	97.8	97.8
GE 300	63.4	64.0	77.8	80.1	85.6	87.1	91.1	93.3	94.2	96.1	97.3	97.7	97.9	98.0	98.0	98.3
GE 200	63.4	64.0	77.8	80.1	85.6	87.1	91.1	93.4	94.4	96.3	97.7	98.1	98.3	98.6	98.6	98.9
GE 100	63.4	64.0	77.8	80.1	85.6	87.1	91.1	93.4	94.4	96.3	97.7	98.1	98.3	98.7	99.0	100.0
GE 000	63.4	64.0	77.8	80.1	85.6	87.1	91.1	93.4	94.4	96.3	97.7	98.1	98.3	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: U35773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.0	27.3	31.1	31.8	34.1	34.4	34.9	35.6	35.6	35.8	36.0	36.1	36.2	36.2	36.2	36.7
GE 20000	28.3	28.7	33.1	33.9	36.6	37.0	37.6	38.2	38.2	38.4	38.7	38.8	38.9	38.9	38.9	39.3
GE 18000	28.3	28.7	33.1	33.9	36.6	37.0	37.6	38.2	38.2	38.4	38.7	38.8	38.9	38.9	38.9	39.3
GE 16000	28.3	28.7	33.1	33.9	36.6	37.0	37.6	38.2	38.2	38.4	38.7	38.8	38.9	38.9	38.9	39.3
GE 14000	28.3	28.7	33.1	33.9	36.6	37.0	37.6	38.2	38.2	38.4	38.7	38.8	38.9	38.9	38.9	39.3
GE 12000	28.4	28.8	33.3	34.1	36.8	37.2	37.8	38.4	38.4	38.7	38.9	39.0	39.1	39.1	39.1	39.6
GE 10000	31.3	31.7	36.3	37.3	40.1	40.6	41.1	41.8	41.8	42.0	42.2	42.3	42.4	42.4	42.4	42.9
GE 9000	32.0	32.3	37.1	38.1	40.9	41.3	41.9	42.7	42.7	42.9	43.1	43.2	43.3	43.3	43.3	43.8
GE 8000	34.1	34.6	40.2	41.3	44.6	45.0	45.7	46.4	46.8	47.0	47.3	47.4	47.6	47.6	47.7	48.1
GE 7000	34.8	35.2	40.9	42.0	45.2	45.7	46.3	47.1	47.4	47.7	48.0	48.1	48.2	48.2	48.3	48.8
GE 6000	34.9	35.3	41.3	42.4	45.7	46.3	47.0	47.8	48.1	48.3	48.7	48.8	48.9	48.9	49.0	49.4
GE 5000	36.3	36.8	43.1	44.4	47.7	48.3	49.0	49.8	50.1	50.3	50.7	50.8	50.9	50.9	51.0	51.4
GE 4500	40.9	41.7	48.9	50.4	53.8	54.4	55.1	56.0	56.3	56.6	56.9	57.0	57.1	57.1	57.2	57.7
GE 4000	47.2	48.1	55.9	57.6	60.9	61.6	62.4	63.7	64.0	64.2	64.6	64.7	64.8	64.9	65.1	65.6
GE 3500	51.9	52.9	61.1	62.8	66.4	67.3	68.3	69.6	69.9	70.1	70.4	70.6	70.7	70.8	71.0	71.4
GE 3000	55.2	56.3	65.8	67.7	71.8	72.7	73.8	75.0	75.6	75.8	76.1	76.4	76.6	76.7	76.9	77.3
GE 2500	58.2	59.3	69.3	71.4	75.9	76.8	77.9	79.6	80.2	80.6	80.9	81.2	81.3	81.4	81.7	82.1
GE 2000	59.8	60.9	72.0	74.2	79.2	80.1	81.3	83.6	84.2	84.6	84.9	85.2	85.3	85.4	85.7	86.1
GE 1800	60.0	61.1	72.2	74.8	80.1	81.0	82.3	84.6	85.2	85.6	85.9	86.2	86.3	86.4	86.7	87.1
GE 1500	61.0	62.2	73.7	76.4	82.1	83.0	84.6	86.8	87.4	87.8	88.1	88.4	88.6	88.7	88.9	89.3
GE 1200	61.2	62.4	74.3	77.2	83.2	84.1	85.9	88.2	88.9	89.2	89.8	90.1	90.2	90.3	90.6	91.0
GE 1000	61.6	62.8	75.2	78.2	84.4	85.4	87.6	90.3	91.1	91.4	92.1	92.4	92.6	92.7	92.9	93.3
GE 900	61.7	62.9	75.3	78.3	84.6	85.6	87.7	90.4	91.2	91.6	92.2	92.7	92.8	92.9	93.1	93.6
GE 800	61.7	62.9	75.3	78.7	85.0	86.1	88.2	91.0	91.8	92.3	93.0	93.6	93.7	93.8	94.0	94.4
GE 700	61.8	63.0	75.4	78.8	85.1	86.2	88.7	91.7	92.4	93.0	93.7	94.2	94.3	94.4	94.7	95.1
GE 600	61.9	63.1	75.6	78.9	85.2	86.3	88.8	91.9	92.7	93.3	94.0	94.6	94.7	94.8	95.0	95.4
GE 500	61.9	63.1	75.6	79.0	85.3	86.4	88.9	92.2	93.3	94.0	94.7	95.2	95.3	95.4	95.7	96.1
GE 400	61.9	63.1	75.6	79.0	85.3	86.4	88.9	92.7	93.8	94.6	95.2	95.9	96.0	96.1	96.3	96.8
GE 300	61.9	63.1	75.6	79.0	85.3	86.4	89.1	93.4	94.6	95.3	96.0	96.9	97.3	97.6	97.9	98.3
GE 200	61.9	63.1	75.6	79.0	85.3	86.4	89.1	93.6	94.7	95.7	96.3	97.3	97.8	98.1	98.4	98.9
GE 100	61.9	63.1	75.6	79.0	85.3	86.4	89.1	93.6	94.7	95.7	96.4	97.4	98.0	98.3	98.7	99.7
GE 000	61.9	63.1	75.6	79.0	85.3	86.4	89.1	93.6	94.7	95.7	96.4	97.4	98.0	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.9	28.0	31.8	32.8	34.6	35.2	36.0	37.4	37.9	38.3	38.4	38.7	38.8	38.8	39.3	
GE 20000	29.3	29.4	33.3	34.8	36.7	37.6	38.6	40.1	40.6	41.0	41.1	41.2	41.3	41.4	41.4	42.0
GE 18000	29.3	29.4	33.3	34.8	36.7	37.6	38.6	40.1	40.6	41.0	41.1	41.2	41.3	41.4	41.4	42.0
GE 16000	29.3	29.4	33.3	34.8	36.7	37.6	38.6	40.1	40.6	41.0	41.1	41.2	41.3	41.4	41.4	42.0
GE 14000	29.3	29.4	33.3	34.8	36.7	37.6	38.6	40.1	40.6	41.0	41.1	41.2	41.3	41.4	41.4	42.0
GE 12000	29.3	29.4	33.3	34.8	36.7	37.6	38.6	40.1	40.6	41.0	41.1	41.2	41.3	41.4	41.4	42.0
GE 10000	30.6	30.7	35.0	36.4	38.6	39.4	40.4	42.0	42.4	42.9	43.0	43.1	43.2	43.4	43.4	44.0
GE 9000	30.8	30.9	35.3	36.9	39.0	39.9	40.9	42.4	42.9	43.3	43.4	43.6	43.7	43.9	43.9	44.4
GE 8000	32.3	32.4	37.4	39.1	41.6	42.4	43.4	45.0	45.6	46.0	46.1	46.2	46.3	46.6	46.6	47.1
GE 7000	32.7	32.8	37.9	39.6	42.0	42.9	43.9	45.4	46.0	46.4	46.6	46.7	46.8	47.0	47.0	47.6
GE 6000	32.8	32.9	38.0	39.7	42.1	43.0	44.0	45.6	46.1	46.6	46.7	46.8	46.9	47.1	47.1	47.7
GE 5000	35.3	35.4	41.4	43.1	45.7	46.6	47.6	49.1	49.7	50.1	50.2	50.3	50.4	50.7	50.7	51.2
GE 4500	39.4	39.6	46.2	48.4	51.2	52.2	53.4	55.0	55.6	56.0	56.1	56.2	56.3	56.6	56.6	57.1
GE 4000	45.4	45.6	53.7	56.0	59.0	60.2	61.4	63.2	63.8	64.2	64.4	64.6	64.7	64.9	65.0	65.6
GE 3500	49.1	49.2	58.1	60.6	63.6	64.9	66.1	67.9	68.4	68.9	69.1	69.2	69.3	69.6	69.7	70.2
GE 3000	52.2	52.3	62.1	64.8	68.7	70.4	71.8	73.7	74.2	74.7	74.9	75.0	75.1	75.3	75.7	76.2
GE 2500	54.1	54.2	65.2	67.9	71.9	73.8	75.2	77.6	78.3	78.8	79.0	79.1	79.2	79.4	79.8	80.3
GE 2000	56.1	56.2	68.6	71.4	76.1	78.1	79.6	82.3	83.1	83.6	83.8	83.9	84.0	84.2	84.6	85.1
GE 1800	56.4	56.6	68.9	71.8	76.4	78.6	80.0	82.8	83.6	84.0	84.2	84.3	84.4	84.7	85.0	85.6
GE 1500	58.1	58.2	70.9	73.9	78.7	81.0	82.4	85.4	86.2	86.7	86.9	87.0	87.1	87.3	87.7	88.2
GE 1200	58.8	58.9	72.2	75.2	80.0	82.4	84.0	87.0	88.0	88.4	88.7	88.8	88.9	89.1	89.4	90.0
GE 1000	59.1	59.2	72.8	75.8	80.9	83.4	85.1	88.2	89.3	89.8	90.0	90.1	90.2	90.4	90.8	91.4
GE 900	59.1	59.2	72.8	75.9	81.0	83.6	85.4	88.6	89.7	90.1	90.3	90.4	90.6	90.8	91.1	91.8
GE 800	59.2	59.3	73.1	76.2	81.3	83.9	86.1	89.3	90.4	91.0	91.2	91.3	91.4	91.7	92.0	92.7
GE 700	59.2	59.3	73.1	76.2	81.4	84.2	87.0	90.2	91.3	91.9	92.1	92.2	92.4	92.7	93.0	93.7
GE 600	59.2	59.3	73.1	76.2	81.4	84.2	87.0	90.4	91.7	92.2	92.4	92.6	92.8	93.0	93.3	94.0
GE 500	59.2	59.3	73.1	76.2	81.4	84.3	87.2	91.1	92.8	93.4	93.7	93.8	94.0	94.2	94.6	95.2
GE 400	59.2	59.3	73.1	76.2	81.4	84.3	87.2	91.1	92.8	93.8	94.0	94.1	94.4	94.7	95.0	95.7
GE 300	59.2	59.3	73.1	76.2	81.4	84.3	87.4	91.7	93.3	94.4	94.7	94.8	95.6	95.8	96.1	97.1
GE 200	59.2	59.3	73.1	76.2	81.4	84.3	87.4	91.7	93.4	94.7	95.0	95.3	96.1	96.3	96.7	97.9
GE 100	59.2	59.3	73.1	76.2	81.4	84.3	87.4	91.7	93.4	94.7	95.0	95.3	96.6	96.8	97.1	99.3
GE 000	59.2	59.3	73.1	76.2	81.4	84.3	87.4	91.7	93.4	94.7	95.0	95.3	96.6	96.8	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 055775

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: + 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 11.0	GE 9.0	GE 8.0	GE 6.0	GE 4.8	GE 4.0	GE 3.2	GE 2.4	GE 2.0	GE 1.6	GE 1.2	GE 1.0	GE 0.8	GE 0.6	GE 0.4	GE 0.0
NO CEIL	23.3	23.6	26.3	26.9	28.7	29.2	30.0	30.7	30.9	31.2	31.3	31.3	31.4	31.5	31.7	32.1
GE 20000	26.7	27.0	30.6	31.4	33.4	34.0	34.9	35.7	35.9	36.3	36.4	36.5	36.5	36.6	36.8	37.3
GE 18000	26.9	27.2	30.8	31.6	33.6	34.2	35.1	35.8	36.1	36.4	36.6	36.7	36.7	36.8	37.0	37.4
GE 16000	26.9	27.2	30.8	31.6	33.6	34.2	35.1	35.8	36.1	36.4	36.6	36.7	36.7	36.8	37.0	37.4
GE 14000	26.9	27.3	30.8	31.7	33.7	34.3	35.2	35.9	36.2	36.5	36.7	36.8	36.8	36.9	37.1	37.5
GE 12000	27.1	27.5	31.1	31.9	34.0	34.5	35.4	36.2	36.5	36.8	36.9	37.0	37.0	37.1	37.3	37.8
GE 10000	28.9	29.2	33.0	33.9	36.1	36.7	37.6	38.3	38.6	38.9	39.1	39.2	39.2	39.3	39.5	40.0
GE 9000	29.5	29.9	33.8	34.7	36.9	37.5	38.4	39.1	39.4	39.7	39.9	40.0	40.1	40.2	40.4	40.8
GE 8000	32.4	32.9	37.2	38.2	40.7	41.3	42.2	43.1	43.4	43.8	44.0	44.1	44.1	44.2	44.5	44.9
GE 7000	33.5	34.0	38.4	39.5	42.0	42.7	43.6	44.5	44.8	45.1	45.4	45.4	45.5	45.6	45.8	46.3
GE 6000	33.7	34.1	38.6	39.7	42.2	42.9	43.8	44.7	45.0	45.3	45.6	45.7	45.7	45.8	46.1	46.5
GE 5000	35.8	36.2	41.1	42.4	45.2	45.8	46.9	47.9	48.3	48.7	49.0	49.1	49.1	49.2	49.5	49.9
GE 4500	39.3	39.7	45.1	46.5	49.4	50.2	51.3	52.3	52.7	53.1	53.4	53.5	53.5	53.6	53.9	54.3
GE 4000	44.3	45.4	51.4	53.0	56.0	56.9	58.1	59.3	59.7	60.1	60.5	60.6	60.6	60.7	61.0	61.4
GE 3500	48.5	49.1	55.8	57.6	61.0	62.0	63.5	64.7	65.2	65.6	65.9	66.1	66.1	66.2	66.5	66.9
GE 3000	52.1	53.0	60.6	62.5	66.5	67.5	69.3	70.7	71.2	71.7	72.0	72.2	72.2	72.4	72.7	73.1
77.2	74.0	75.0	81.7	83.5	87.5	88.6	90.0	91.2	91.7	92.7	93.2	93.8	94.2	94.3	94.5	94.8
GE 2000	57.1	57.7	66.5	68.8	73.7	75.0	77.1	78.8	79.4	80.0	80.5	80.7	80.8	80.9	81.2	81.7
GE 1800	57.4	58.0	66.8	69.2	74.3	75.6	77.7	79.5	80.1	80.6	81.2	81.4	81.4	81.6	81.9	82.3
GE 1500	58.9	59.6	69.0	71.5	77.0	78.5	80.7	82.6	83.3	83.9	84.5	84.7	84.8	84.9	85.2	85.7
GE 1200	60.0	60.7	70.5	73.2	79.1	80.8	83.3	85.3	86.1	86.8	87.4	87.6	87.7	87.8	88.1	88.6
GE 1000	60.4	61.1	71.5	74.3	80.7	82.5	85.3	87.6	88.4	89.2	89.8	89.9	90.0	90.2	90.5	91.0
GE 900	60.5	61.2	71.7	74.5	80.9	82.8	85.6	88.1	88.9	89.7	90.3	90.5	90.6	90.7	91.0	91.5
GE 800	60.6	61.3	71.9	74.8	81.3	83.3	86.3	88.9	89.7	90.6	91.3	91.5	91.6	91.8	92.1	92.5
GE 700	60.7	61.3	72.0	75.0	81.6	83.7	87.1	89.9	90.8	91.6	92.3	92.5	92.6	92.8	93.1	93.6
GE 600	60.7	61.4	72.1	75.0	81.8	83.9	87.4	90.3	91.3	92.2	92.8	93.1	93.2	93.4	93.7	94.1
GE 500	60.7	61.4	72.1	75.1	81.9	84.1	87.8	90.9	92.1	93.1	93.8	94.1	94.3	94.4	94.8	95.2
GE 400	60.7	61.4	72.1	75.1	81.9	84.2	87.9	91.2	92.4	93.6	94.3	94.7	94.9	95.1	95.4	95.9
GE 300	60.7	61.4	72.1	75.1	81.9	84.2	88.0	91.6	92.9	94.2	95.0	95.4	95.8	96.0	96.5	97.1
GE 200	60.7	61.4	72.1	75.1	81.9	84.2	88.0	91.7	93.0	94.5	95.3	95.8	96.2	96.6	97.1	97.6
GE 100	60.7	61.4	72.1	75.1	81.9	84.2	88.0	91.7	93.0	94.5	95.4	95.9	96.4	96.9	97.5	98.0
GE 000	60.7	61.4	72.1	75.1	81.9	84.2	88.0	91.7	93.0	94.5	95.4	95.9	96.4	96.9	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL	24.9	25.3	28.9	30.4	32.6	32.6	34.3	35.7	36.0	36.2	36.3	36.3	36.5	36.7	36.7	37.3
GE 20000	26.5	26.9	30.6	32.3	34.5	34.5	36.2	37.7	38.1	38.3	38.4	38.4	38.5	38.7	38.7	39.4
GE 18000	26.5	26.9	30.6	32.3	34.5	34.5	36.2	37.7	38.1	38.3	38.4	38.4	38.5	38.7	38.7	39.4
GE 16000	26.5	26.9	30.6	32.3	34.5	34.5	36.2	37.7	38.1	38.3	38.4	38.4	38.5	38.7	38.7	39.4
GE 14000	26.5	26.9	30.6	32.3	34.5	34.5	36.2	37.7	38.1	38.3	38.4	38.4	38.5	38.7	38.7	39.4
GE 12000	26.6	27.0	30.8	32.4	34.6	34.6	36.3	37.8	38.2	38.4	38.5	38.5	38.6	38.8	38.8	39.5
GE 10000	28.3	28.7	32.6	34.2	36.5	36.5	38.2	39.7	40.0	40.2	40.3	40.3	40.4	40.6	40.6	41.3
GE 9000	29.0	29.5	33.3	34.9	37.2	37.2	38.9	40.4	40.8	41.0	41.1	41.1	41.2	41.4	41.4	42.0
GE 8000	31.2	31.6	36.2	38.0	40.2	40.2	42.3	43.9	44.2	44.4	44.5	44.5	44.6	44.8	44.8	45.5
GE 7000	31.7	32.2	36.8	38.5	40.8	41.0	43.0	44.6	44.9	45.2	45.3	45.3	45.4	45.6	45.6	46.2
GE 6000	32.2	32.6	37.2	38.9	41.3	41.5	43.5	45.2	45.5	45.7	45.8	45.8	45.9	46.1	46.1	46.8
GE 5000	34.5	34.9	40.0	42.3	44.6	44.8	47.3	48.9	49.6	49.8	49.9	49.9	50.0	50.3	50.3	51.0
GE 4500	38.3	38.7	44.4	46.9	49.6	49.8	52.3	53.9	54.5	54.7	54.8	54.8	54.9	55.3	55.3	55.9
GE 4000	43.1	43.5	49.5	52.7	55.7	55.9	58.8	60.4	61.1	61.3	61.4	61.4	61.5	61.8	61.8	62.5
GE 3500	46.5	47.1	53.3	56.6	60.0	60.2	63.1	64.7	65.5	65.7	65.8	65.8	65.9	66.3	66.3	67.2
GE 3000	50.5	51.2	57.6	61.1	64.9	65.3	68.3	70.2	71.1	71.3	71.5	71.6	71.7	72.3	72.3	73.2
GE 2500	52.4	53.2	60.4	64.0	68.5	68.8	71.8	74.0	74.8	75.1	75.3	75.4	75.5	76.0	76.0	77.0
GE 2000	55.2	56.2	64.3	67.8	72.7	73.0	76.1	78.3	79.1	79.4	79.6	79.7	79.8	80.3	80.3	81.5
GE 1800	55.2	56.2	64.4	68.0	72.8	73.1	76.2	78.4	79.2	79.5	79.7	79.8	79.9	80.4	80.4	81.4
GE 1500	57.1	58.5	67.5	71.2	76.3	76.7	79.8	81.9	82.8	83.0	83.2	83.3	83.4	84.0	84.0	84.9
GE 1200	58.0	59.4	68.6	72.5	78.5	79.0	82.2	84.3	85.2	85.4	85.6	85.7	85.8	86.3	86.3	87.3
GE 1000	58.6	60.0	69.2	73.1	80.3	81.0	84.4	86.6	87.4	87.6	87.8	88.0	88.1	88.6	88.6	89.6
GE 900	58.8	60.2	69.6	73.4	80.8	81.5	85.3	87.4	88.3	88.5	88.7	88.8	88.9	89.5	89.5	90.4
GE 800	59.2	60.6	70.1	74.0	81.4	82.2	86.0	88.4	89.6	89.8	90.0	90.1	90.2	90.8	90.8	91.7
GE 700	59.4	60.8	70.6	74.5	82.3	83.2	87.1	89.7	90.9	91.3	91.5	91.6	91.7	92.3	92.3	93.2
GE 600	59.4	60.8	70.6	74.6	82.6	83.5	87.7	90.5	91.7	92.3	92.5	92.6	92.7	93.2	93.2	94.2
GE 500	59.4	60.8	70.6	74.6	82.7	83.7	87.8	91.1	92.5	93.0	93.2	93.3	93.4	94.0	94.0	94.9
GE 400	59.6	61.0	70.9	74.8	83.0	84.0	88.2	91.7	93.1	93.7	93.9	94.0	94.2	94.7	94.7	95.7
GE 300	59.6	61.0	70.9	74.8	83.0	84.0	88.2	92.0	93.7	94.2	94.4	94.5	94.7	95.3	95.4	96.7
GE 200	59.6	61.0	70.9	74.8	83.0	84.0	88.2	92.2	93.8	94.6	94.8	94.9	95.4	96.1	96.1	98.3
GE 100	59.6	61.0	70.9	74.8	83.0	84.0	88.2	92.2	93.8	94.7	94.9	95.2	95.6	96.3	97.3	99.5
GE 0	59.6	61.0	70.9	74.8	83.0	84.0	88.2	92.2	93.8	94.7	94.9	95.2	95.6	96.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.6	26.8	30.6	31.3	33.8	34.1	35.4	36.1	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.2
GE 20000	28.6	28.8	33.1	33.9	36.5	36.8	38.1	38.9	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.1
GE 18000	28.6	28.8	33.1	33.9	36.5	36.8	38.1	38.9	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.1
GE 16000	28.6	28.8	33.1	33.9	36.5	36.8	38.1	38.9	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.1
GE 14000	28.6	28.8	33.1	33.9	36.5	36.8	38.1	38.9	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.1
GE 12000	28.6	28.8	33.1	33.9	36.5	36.8	38.1	38.9	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.1
GE 10000	29.6	29.8	34.2	34.9	37.5	37.8	39.5	40.3	41.0	41.1	41.3	41.3	41.3	41.3	41.3	41.5
GE 9000	30.1	30.3	34.7	35.5	38.1	38.4	40.0	40.9	41.5	41.6	41.8	41.8	41.8	41.8	41.8	42.0
GE 8000	33.2	33.4	38.3	39.0	41.6	41.9	43.8	44.8	45.5	45.6	45.8	45.8	45.8	45.8	45.8	46.1
GE 7000	34.0	34.2	39.0	39.8	42.4	42.7	44.5	45.6	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.9
GE 6000	34.3	34.5	39.4	40.1	42.7	43.0	44.8	45.9	46.6	46.7	46.9	46.9	46.9	46.9	46.9	47.2
GE 5000	36.0	36.2	41.1	42.0	44.9	45.4	47.2	48.4	49.4	49.5	49.7	49.7	49.7	49.7	49.7	50.0
GE 4500	38.8	39.0	44.2	45.3	48.4	48.8	50.6	51.8	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.4
GE 4000	42.4	42.8	48.5	50.2	53.5	54.0	56.6	58.0	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.6
GE 3500	46.6	47.0	53.2	55.2	59.1	59.6	62.3	63.7	64.8	64.9	65.2	65.2	65.2	65.2	65.2	65.6
GE 3000	48.9	49.5	56.7	58.8	63.1	64.0	67.1	68.9	70.2	70.4	70.6	70.8	70.8	70.8	70.9	71.3
GE 2500	51.6	52.2	59.8	61.9	66.5	67.5	70.5	72.8	74.1	74.3	74.5	74.6	74.6	74.6	74.7	75.2
GE 2000	54.7	55.4	64.4	66.8	71.5	72.7	75.9	78.1	79.4	79.6	79.8	79.9	79.9	79.9	80.0	80.4
GE 1800	55.2	55.8	64.8	67.2	71.9	73.1	76.3	78.5	79.8	80.0	80.2	80.3	80.3	80.3	80.4	80.9
GE 1500	57.6	58.4	67.7	70.4	75.4	76.6	80.0	82.2	83.5	83.8	84.0	84.1	84.1	84.1	84.2	84.6
GE 1200	58.7	59.5	69.1	71.8	77.5	79.1	82.8	84.9	86.3	86.6	86.8	86.9	87.0	87.0	87.1	87.6
GE 1000	59.0	59.8	69.6	72.5	78.8	80.4	84.2	86.5	87.8	88.1	88.3	88.4	88.5	88.5	88.6	89.1
GE 900	59.0	59.8	69.6	72.6	79.1	80.8	84.5	87.0	88.4	88.6	88.9	89.0	89.1	89.1	89.2	89.8
GE 800	59.4	60.2	70.1	73.2	80.4	82.2	86.1	88.6	90.0	90.2	90.5	90.6	90.8	90.8	90.9	91.4
GE 700	59.4	60.2	70.1	73.2	80.8	82.6	86.6	89.2	90.8	91.3	91.8	91.9	92.0	92.0	92.2	92.7
GE 600	59.4	60.2	70.3	73.4	81.1	82.9	87.6	90.9	92.4	93.0	93.5	93.7	93.8	93.8	93.9	94.4
GE 500	59.5	60.3	70.5	73.7	81.5	83.3	88.3	91.7	93.2	93.9	94.5	94.6	94.7	94.7	94.8	95.4
GE 400	59.6	60.4	70.6	73.9	81.9	83.8	88.7	92.5	94.1	94.9	95.6	95.7	95.8	95.8	95.9	96.5
GE 300	59.6	60.4	70.6	73.9	81.9	83.9	88.8	92.7	94.4	95.4	96.0	96.2	96.5	96.5	96.6	97.4
GE 200	59.6	60.4	70.6	73.9	81.9	83.9	88.8	92.7	94.5	95.6	96.3	96.7	97.0	97.3	97.8	98.8
GE 100	59.6	60.4	70.6	73.9	81.9	83.9	88.8	92.7	94.5	95.6	96.5	96.8	97.1	97.4	98.3	99.7
GE 000	59.6	60.4	70.6	73.9	81.9	83.9	88.8	92.7	94.5	95.6	96.5	96.8	97.1	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.6	25.2	28.2	29.5	30.8	31.0	32.2	32.8	33.3	33.5	33.8	33.9	33.9	34.0	34.0	34.1
GE 20000	26.5	27.0	30.1	31.4	32.8	33.1	34.3	34.9	35.5	35.8	36.0	36.1	36.1	36.2	36.2	36.3
GE 18000	26.6	27.1	30.2	31.5	32.9	33.2	34.4	35.1	35.6	35.9	36.1	36.2	36.2	36.3	36.3	36.5
GE 16000	26.6	27.1	30.2	31.5	32.9	33.2	34.4	35.1	35.6	35.9	36.1	36.2	36.2	36.3	36.3	36.5
GE 14000	26.6	27.1	30.2	31.5	32.9	33.2	34.4	35.1	35.6	35.9	36.1	36.2	36.2	36.3	36.3	36.5
GE 12000	27.1	27.6	30.8	32.0	33.4	33.8	35.1	35.7	36.2	36.6	36.8	36.9	36.9	37.0	37.0	37.1
GE 10000	28.4	28.9	32.2	33.5	35.1	35.4	36.8	37.4	38.0	38.4	38.6	38.7	38.7	38.8	38.8	38.9
GE 9000	29.1	29.7	33.1	34.5	36.0	36.3	37.7	38.4	38.9	39.4	39.6	39.7	39.7	39.8	39.8	39.9
GE 8000	32.7	33.2	37.0	38.4	40.0	40.3	41.7	42.4	43.0	43.4	43.7	43.8	43.8	43.9	43.9	44.0
GE 7000	33.5	34.1	38.0	39.4	41.0	41.3	42.7	43.4	44.1	44.5	44.7	44.8	44.8	44.9	44.9	45.1
GE 6000	33.5	34.1	38.0	39.4	41.0	41.3	42.7	43.4	44.1	44.5	44.7	44.8	44.8	44.9	44.9	45.1
GE 5000	36.8	37.3	41.3	42.9	44.7	45.1	46.9	47.7	48.4	48.8	49.0	49.1	49.1	49.2	49.2	49.4
GE 4500	39.7	40.3	44.8	47.0	49.2	49.8	51.7	52.6	53.2	53.7	53.9	54.0	54.0	54.1	54.1	54.2
GE 4000	44.8	45.5	50.9	53.4	56.1	56.7	58.7	59.8	60.4	60.9	61.2	61.3	61.3	61.4	61.4	61.5
GE 3500	49.0	49.7	55.6	58.2	60.9	61.4	63.5	64.6	65.4	65.8	66.1	66.3	66.3	66.5	66.5	66.6
GE 3000	51.1	51.7	58.3	61.0	63.9	64.4	66.7	68.3	69.0	69.6	69.9	70.1	70.1	70.2	70.2	70.3
GE 2500	54.1	54.7	61.4	64.1	67.3	68.3	70.6	72.5	73.4	74.0	74.4	74.6	74.6	74.7	74.7	74.8
GE 2000	56.8	57.6	65.6	68.6	72.3	73.3	75.7	77.8	78.8	79.4	79.9	80.1	80.1	80.2	80.2	80.3
GE 1800	56.9	57.7	65.7	68.7	72.4	73.4	75.8	78.0	78.9	79.5	80.0	80.2	80.2	80.3	80.3	80.4
GE 1500	58.8	59.7	68.0	71.3	75.5	76.6	78.9	81.1	82.2	82.8	83.3	83.5	83.5	83.7	83.7	83.8
GE 1200	60.0	60.9	69.2	72.9	78.3	79.7	82.0	84.2	85.4	86.1	86.7	86.9	86.9	87.1	87.1	87.3
GE 1000	60.4	61.4	70.0	73.8	79.4	80.9	83.3	85.5	86.8	87.6	88.2	88.4	88.4	88.6	88.6	88.8
GE 900	60.6	61.8	70.5	74.6	80.2	81.7	84.6	86.8	88.1	88.9	89.5	89.7	89.7	89.9	89.9	90.1
GE 800	60.6	61.9	70.8	74.8	80.8	82.6	85.5	87.6	89.0	89.9	90.4	90.6	90.6	90.9	90.9	91.1
GE 700	60.9	62.2	71.4	75.8	81.9	84.0	87.0	89.1	90.6	91.6	92.2	92.4	92.4	92.6	92.6	92.8
GE 600	61.1	62.4	71.7	76.1	82.7	85.2	88.3	90.4	91.9	93.0	93.5	93.8	93.8	94.0	94.0	94.2
GE 500	61.1	62.4	71.7	76.1	82.8	85.5	88.7	91.0	92.5	93.5	94.4	94.6	94.6	94.8	94.8	95.1
GE 400	61.2	62.5	71.8	76.2	82.9	85.6	88.8	91.3	92.8	94.1	94.9	95.2	95.2	95.4	95.5	95.7
GE 300	61.2	62.5	71.8	76.2	82.9	85.6	88.8	91.4	93.0	94.5	95.4	95.7	95.7	95.9	96.2	96.6
GE 200	61.2	62.5	71.8	76.2	82.9	85.6	89.0	91.6	93.9	95.7	96.7	97.1	97.2	97.6	98.4	99.0
GE 100	61.2	62.5	71.8	76.2	82.9	85.6	89.0	91.6	93.9	95.7	96.7	97.1	97.3	97.8	98.9	99.7
GE 000	61.2	62.5	71.8	76.2	82.9	85.6	89.0	91.6	93.9	95.7	96.7	97.1	97.3	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 055773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.0	18.2	21.3	22.0	23.5	24.0	24.4	25.5	25.5	25.6	25.6	25.6	25.7	25.7	25.8	26.3
GE 20000	23.2	23.5	27.2	28.1	29.7	30.2	30.6	31.7	31.7	31.8	31.8	31.8	31.9	31.9	32.0	32.6
GE 18000	23.2	23.5	27.5	28.4	30.0	30.5	31.0	32.0	32.0	32.2	32.2	32.2	32.3	32.3	32.4	32.9
GE 16000	23.2	23.5	27.5	28.4	30.0	30.5	31.0	32.0	32.0	32.2	32.2	32.2	32.3	32.3	32.4	32.9
GE 14000	23.5	23.9	27.8	28.7	30.3	30.9	31.3	32.4	32.4	32.5	32.5	32.5	32.6	32.6	32.7	33.2
GE 12000	24.8	25.2	29.4	30.2	31.8	32.4	32.8	33.9	33.9	34.0	34.0	34.0	34.1	34.1	34.2	34.7
GE 10000	26.2	26.6	31.1	32.3	34.1	34.6	35.6	36.7	36.7	36.8	36.8	36.8	36.9	36.9	37.0	37.5
GE 9000	26.6	26.9	31.5	32.7	34.5	35.1	36.0	37.1	37.1	37.2	37.2	37.2	37.3	37.3	37.4	38.0
GE 8000	30.4	30.8	35.8	37.0	39.1	39.7	40.9	42.0	42.0	42.2	42.3	42.3	42.4	42.4	42.5	43.0
GE 7000	31.0	31.3	36.7	37.8	40.1	40.8	42.3	43.4	43.4	43.5	43.7	43.7	43.8	43.8	43.9	44.4
GE 6000	31.5	31.8	37.2	38.4	40.6	41.3	42.8	44.0	44.0	44.1	44.2	44.2	44.3	44.3	44.4	44.9
GE 5000	33.0	33.3	39.0	40.2	42.6	43.2	44.9	46.1	46.1	46.2	46.3	46.3	46.5	46.5	46.6	47.1
GE 4500	35.6	36.0	42.3	43.8	46.5	47.4	49.4	50.5	50.5	50.6	50.8	50.9	51.0	51.0	51.1	51.6
GE 4000	41.2	41.7	48.9	50.6	53.4	54.4	56.9	58.1	58.1	58.4	58.6	58.7	58.8	58.8	59.1	59.8
GE 3500	45.1	45.6	53.7	55.6	58.4	59.4	62.2	63.4	63.5	63.9	64.1	64.2	64.3	64.3	64.6	65.3
GE 3000	49.2	49.8	58.6	60.8	63.8	64.8	67.6	69.2	69.5	69.9	70.2	70.3	70.4	70.4	70.8	71.4
GE 2500	50.9	51.4	61.2	63.8	67.0	68.1	71.1	72.9	73.2	73.8	74.2	74.3	74.4	74.4	74.7	75.4
GE 2000	53.5	54.4	65.3	68.4	72.4	73.5	76.7	78.6	79.1	79.8	80.3	80.4	80.5	80.5	80.9	81.5
GE 1800	53.5	54.4	65.5	68.6	72.6	73.9	77.0	78.9	79.5	80.1	80.6	80.8	80.9	80.9	81.2	81.8
GE 1500	55.7	56.7	68.1	71.4	76.0	77.4	80.6	82.6	83.1	83.8	84.3	84.4	84.5	84.5	84.8	85.5
GE 1200	56.9	57.8	69.5	72.9	77.6	79.2	82.5	84.4	84.9	85.6	86.2	86.3	86.5	86.5	86.8	87.4
GE 1000	57.4	58.6	70.4	74.0	79.0	80.8	84.3	86.2	86.9	87.6	88.3	88.4	88.5	88.5	88.8	89.5
GE 900	57.5	58.7	70.6	74.3	79.4	81.1	84.9	87.3	88.1	88.9	89.6	89.7	89.8	89.8	90.1	90.8
GE 800	57.7	58.9	71.0	74.6	79.8	81.5	85.7	88.1	88.9	90.1	90.8	90.9	91.0	91.0	91.3	91.9
GE 700	58.3	59.5	71.6	75.3	80.6	82.5	86.9	89.6	90.4	91.6	92.3	92.4	92.5	92.5	92.8	93.4
GE 600	58.5	59.7	72.0	76.0	81.5	83.4	87.8	90.8	91.6	92.8	93.4	93.5	93.7	93.7	94.0	94.6
GE 500	58.5	59.7	72.0	76.0	81.9	84.1	88.6	91.6	92.6	94.0	94.6	94.7	94.8	94.8	95.2	95.9
GE 400	58.5	59.7	72.0	76.0	81.9	84.1	88.8	91.9	92.9	94.3	94.9	95.3	95.4	95.4	95.7	96.5
GE 300	58.5	59.7	72.0	76.0	81.9	84.1	88.8	91.9	92.9	94.9	96.0	96.3	96.5	96.6	97.3	98.1
GE 200	58.5	59.7	72.0	76.0	81.9	84.1	88.8	91.9	92.9	94.9	96.0	96.6	96.7	97.3	98.3	99.5
GE 100	58.5	59.7	72.0	76.0	81.9	84.1	88.8	91.9	92.9	94.9	96.0	96.6	96.7	97.4	98.5	99.9
GE 000	58.5	59.7	72.0	76.0	81.9	84.1	88.8	91.9	92.9	94.9	96.0	96.6	96.7	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.4	20.8	23.5	23.8	25.3	25.5	25.5	25.5	25.6	25.7	25.7	25.8	25.8	25.8	25.8	25.9
GE 20000	25.5	25.8	29.0	29.5	31.5	31.8	31.9	32.0	32.3	32.4	32.6	32.9	32.9	32.9	32.9	33.0
GE 18000	26.1	26.6	29.8	30.2	32.3	32.6	32.7	32.8	33.0	33.1	33.3	33.7	33.7	33.7	33.7	33.8
GE 16000	26.1	26.6	29.8	30.2	32.3	32.6	32.7	32.8	33.0	33.1	33.3	33.7	33.7	33.7	33.7	33.8
GE 14000	26.7	27.1	30.3	30.8	32.8	33.1	33.2	33.3	33.5	33.7	33.9	34.2	34.2	34.2	34.2	34.3
GE 12000	27.4	27.8	31.1	31.5	33.5	33.9	34.0	34.1	34.3	34.4	34.6	34.9	34.9	34.9	34.9	35.1
GE 10000	29.5	29.9	33.2	33.7	35.9	36.2	36.5	36.6	36.8	36.9	37.1	37.4	37.4	37.4	37.4	37.5
GE 9000	30.9	31.3	34.6	35.1	37.3	37.6	37.8	38.0	38.2	38.3	38.5	38.8	38.8	38.8	38.8	38.9
GE 8000	34.5	34.9	38.6	39.0	41.3	41.6	41.8	42.0	42.3	42.4	42.6	42.9	42.9	42.9	42.9	43.0
GE 7000	35.5	35.9	40.1	40.5	42.9	43.2	43.5	43.8	44.0	44.1	44.3	44.6	44.6	44.6	44.6	44.7
GE 6000	35.7	36.1	40.3	40.8	43.1	43.4	43.8	44.0	44.2	44.3	44.5	44.8	44.8	44.8	44.8	44.9
GE 5000	37.7	38.2	42.5	43.0	45.4	45.7	46.0	46.2	46.5	46.6	46.8	47.1	47.1	47.1	47.1	47.2
GE 4500	39.4	39.9	44.3	45.2	47.6	48.0	48.4	48.6	48.8	49.2	49.7	50.1	50.1	50.1	50.1	50.2
GE 4000	45.3	46.0	50.8	52.0	54.8	55.3	55.8	56.1	56.5	56.9	57.3	57.7	57.7	57.7	57.7	58.0
GE 3500	47.7	48.5	53.8	55.3	58.1	58.7	59.4	59.7	60.0	60.4	61.0	61.4	61.4	61.4	61.4	61.6
GE 3000	53.4	54.4	60.3	61.9	65.2	65.8	66.5	67.0	67.3	67.7	68.5	69.0	69.0	69.0	69.0	69.2
GE 2500	55.1	56.0	62.8	64.6	68.1	68.7	69.6	70.1	70.4	71.1	71.8	72.5	72.5	72.5	72.5	72.7
GE 2000	59.0	60.1	67.6	69.9	74.4	75.3	76.3	77.1	77.6	78.5	79.2	79.9	79.9	79.9	79.9	80.1
GE 1800	59.1	60.2	67.8	70.1	74.7	75.6	76.7	77.5	78.1	78.9	79.7	80.3	80.3	80.3	80.3	80.5
GE 1500	61.7	62.8	71.6	74.1	79.1	80.3	81.7	82.7	83.2	84.1	84.8	85.5	85.5	85.5	85.5	85.7
GE 1200	63.2	64.5	73.7	76.5	81.5	82.7	84.6	85.9	86.5	87.3	88.1	88.7	88.7	88.7	88.7	88.9
GE 1000	63.4	64.7	74.3	77.1	82.6	83.9	85.8	87.3	87.8	88.9	89.7	90.3	90.3	90.3	90.3	90.5
GE 900	63.4	64.7	74.4	77.2	83.0	84.4	86.3	87.8	88.4	89.5	90.2	90.9	90.9	90.9	90.9	91.1
GE 800	63.5	64.8	74.9	77.7	83.8	85.2	87.1	88.7	89.2	90.3	91.1	91.7	91.7	91.7	91.7	91.9
GE 700	63.7	65.1	75.6	78.4	84.5	86.0	88.0	89.7	90.2	91.3	92.0	92.7	92.7	92.7	92.7	92.9
GE 600	63.7	65.1	75.9	78.7	85.4	87.0	88.9	90.8	91.4	92.5	93.2	93.9	93.9	93.9	93.9	94.1
GE 500	63.7	65.1	75.9	78.7	85.5	87.2	89.2	91.2	91.8	93.2	94.1	94.7	94.7	94.7	94.7	94.9
GE 400	63.7	65.1	76.0	78.8	85.6	87.3	89.6	91.6	92.5	94.0	94.8	95.5	95.6	95.6	95.6	95.8
GE 300	63.7	65.1	76.0	78.8	85.6	87.3	89.6	91.6	92.6	94.7	95.9	96.9	97.1	97.1	97.3	97.7
GE 200	63.7	65.1	76.0	78.8	85.6	87.3	89.6	91.6	92.6	94.7	96.1	97.1	97.5	97.8	98.1	99.4
GE 100	63.7	65.1	76.0	78.8	85.6	87.3	89.6	91.6	92.6	94.7	96.1	97.1	97.7	98.2	98.4	99.7
GE 000	63.7	65.1	76.1	78.9	85.7	87.4	89.7	91.7	92.7	94.8	96.2	97.2	97.8	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	19.7	19.9	22.5	23.4	25.2	25.3	25.5	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 20000	24.0	24.3	27.6	28.6	30.8	31.0	31.3	31.5	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 18000	24.1	24.4	27.7	28.7	30.9	31.1	31.4	31.6	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 16000	24.1	24.4	27.7	28.7	30.9	31.1	31.4	31.6	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 14000	24.5	24.8	28.2	29.1	31.3	31.5	31.8	32.0	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 12000	25.1	25.4	28.9	29.9	32.0	32.3	32.6	32.8	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 10000	27.4	27.7	31.4	32.6	34.7	34.9	35.3	35.6	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 9000	28.0	28.3	32.4	33.5	35.9	36.1	36.5	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 8000	32.4	32.7	36.9	38.1	40.5	40.9	41.4	41.8	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 7000	34.0	34.3	39.1	40.3	42.8	43.1	43.7	44.1	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5
GE 6000	34.2	34.5	39.4	40.5	43.0	43.3	43.9	44.3	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
GE 5000	35.9	36.2	41.3	42.6	45.5	45.9	46.5	47.0	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 4500	38.8	39.1	44.5	45.8	49.1	49.6	50.1	50.6	50.8	51.2	51.4	51.4	51.4	51.4	51.4	51.4
GE 4000	43.4	43.8	49.4	50.8	54.1	54.5	55.2	55.9	56.0	56.5	56.7	56.7	56.7	56.7	56.7	56.7
GE 3500	47.2	47.7	53.9	55.4	58.7	59.2	60.1	61.1	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9
GE 3000	51.8	52.4	59.1	61.0	64.8	65.5	66.5	67.7	68.0	68.4	68.6	68.7	68.7	68.7	68.7	68.7
GE 2500	54.4	55.1	62.8	64.6	68.8	69.6	70.8	72.0	72.3	72.7	72.9	73.0	73.0	73.1	73.1	73.1
GE 2000	57.6	58.6	67.4	69.7	74.7	75.6	77.1	78.7	78.9	79.7	80.0	80.1	80.2	80.3	80.3	80.3
GE 1800	57.7	58.7	67.6	69.9	75.2	76.1	77.6	79.2	79.5	80.2	80.5	80.6	80.8	80.9	80.9	80.9
GE 1500	60.6	61.6	71.7	74.1	79.8	81.1	82.8	84.6	84.8	85.7	86.0	86.2	86.3	86.5	86.5	86.5
GE 1200	61.4	62.4	72.9	75.6	81.8	83.2	85.2	87.1	87.3	88.2	88.5	88.7	88.8	88.9	88.9	88.9
GE 1000	61.5	62.5	73.1	76.1	82.7	84.6	86.7	88.9	89.1	90.0	90.3	90.5	90.6	90.8	90.8	90.8
GE 900	61.6	62.6	73.5	76.6	83.2	85.2	87.4	89.7	90.0	91.0	91.3	91.5	91.6	91.7	91.7	91.7
GE 800	61.8	62.8	73.9	77.1	83.8	85.7	88.0	90.3	90.8	91.7	92.0	92.3	92.4	92.5	92.5	92.5
GE 700	61.8	62.8	73.9	77.1	83.8	85.8	88.5	91.5	91.9	92.9	93.2	93.4	93.5	93.7	93.7	93.7
GE 600	61.8	62.8	74.0	77.3	84.2	86.3	89.1	92.4	92.9	93.9	94.4	94.7	94.8	94.9	94.9	94.9
GE 500	61.9	62.9	74.2	77.5	85.1	87.5	90.4	93.7	94.3	95.4	95.9	96.2	96.3	96.5	96.5	96.5
GE 400	61.9	62.9	74.2	77.5	85.1	87.5	90.4	93.8	94.4	95.6	96.1	96.6	96.9	97.1	97.1	97.1
GE 300	61.9	62.9	74.2	77.5	85.1	87.5	90.4	94.0	94.8	96.2	97.0	97.5	98.1	98.3	98.4	98.4
GE 200	61.9	62.9	74.2	77.5	85.1	87.5	90.4	94.0	95.1	96.5	97.2	97.7	98.4	98.8	98.9	98.8
GE 100	61.9	62.9	74.2	77.5	85.1	87.5	90.4	94.0	95.1	96.5	97.2	97.8	98.5	98.9	99.0	100.0
GE 000	61.9	62.9	74.2	77.5	85.1	87.5	90.4	94.0	95.1	96.5	97.2	97.8	98.5	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 430

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.2	22.3	26.2	27.4	29.4	30.0	30.5	31.8	32.0	32.0	32.0	32.0	32.3	32.3	32.3	32.6
GE 20000	25.2	25.4	30.3	31.5	33.5	34.2	34.7	36.0	36.2	36.2	36.2	36.2	36.5	36.5	36.5	36.9
GE 18000	25.3	25.5	30.4	31.6	33.7	34.3	34.8	36.1	36.3	36.3	36.3	36.3	36.6	36.6	36.6	37.0
GE 16000	25.3	25.5	30.4	31.6	33.7	34.3	34.8	36.1	36.3	36.3	36.3	36.3	36.6	36.6	36.6	37.0
GE 14000	25.5	25.7	30.6	31.8	33.9	34.5	35.1	36.3	36.6	36.6	36.6	36.6	36.8	36.8	36.8	37.2
GE 12000	25.8	26.0	31.0	32.2	34.2	34.8	35.4	36.7	36.9	36.9	36.9	36.9	37.1	37.1	37.1	37.5
GE 10000	26.9	27.1	32.6	33.9	36.1	36.8	37.3	38.6	38.8	38.8	38.8	38.8	39.0	39.0	39.0	39.5
GE 9000	27.3	27.6	33.1	34.7	37.2	37.8	38.4	39.7	39.9	39.9	39.9	39.9	40.1	40.1	40.1	40.5
GE 8000	30.9	31.2	37.3	39.1	41.8	42.6	43.2	44.5	44.7	44.7	44.7	44.7	44.9	44.9	44.9	45.4
GE 7000	31.3	31.7	38.1	39.9	42.6	43.3	44.0	45.3	45.5	45.5	45.5	45.5	45.7	45.7	45.7	46.1
GE 6000	31.5	31.9	38.3	40.1	42.8	43.5	44.2	45.5	45.7	45.7	45.7	45.7	45.9	45.9	45.9	46.3
GE 5000	34.3	34.7	41.1	42.9	46.0	46.9	47.5	49.1	49.5	49.5	49.5	49.5	49.7	49.7	49.7	50.1
GE 4500	36.8	37.2	43.8	45.8	49.1	50.0	50.6	52.4	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.4
GE 4000	41.5	41.9	49.5	51.7	55.1	55.9	56.8	58.5	58.9	59.2	59.2	59.2	59.5	59.5	59.5	59.9
GE 3500	45.5	46.0	54.0	56.3	60.2	61.2	62.3	64.1	64.5	64.8	64.8	64.8	65.1	65.2	65.2	65.6
GE 3000	49.2	49.8	58.3	61.0	65.7	66.7	68.1	69.9	70.4	70.8	70.8	70.8	71.0	71.2	71.2	71.6
GE 2500	52.0	52.8	62.3	65.3	70.2	71.2	72.8	74.6	75.2	75.5	75.6	75.7	76.0	76.2	76.2	76.7
GE 2000	55.4	56.1	66.7	70.1	75.4	76.3	78.0	79.8	80.3	80.6	80.8	80.9	81.2	81.4	81.4	81.8
GE 1800	55.5	56.2	66.8	70.3	75.8	76.8	78.5	80.3	80.9	81.2	81.3	81.4	81.7	81.9	81.9	82.4
GE 1500	58.6	59.8	71.3	74.9	80.6	81.7	83.4	85.4	85.9	86.2	86.3	86.5	86.9	87.1	87.1	87.5
GE 1200	59.5	60.6	72.3	76.5	82.8	84.1	86.0	88.0	88.5	88.8	88.9	89.0	89.5	89.7	89.7	90.1
GE 1000	60.0	61.2	72.8	77.0	83.8	85.5	87.5	89.5	90.0	90.4	90.5	90.6	91.1	91.3	91.3	91.7
GE 900	60.2	61.6	73.2	77.4	84.2	85.9	88.0	90.2	90.8	91.2	91.3	91.4	91.8	92.0	92.0	92.5
GE 800	60.2	61.6	73.2	77.4	84.4	86.1	88.4	90.6	91.7	92.2	92.3	92.4	92.9	93.1	93.1	93.5
GE 700	60.3	61.8	73.5	77.7	84.7	86.6	88.9	91.2	92.3	92.8	92.9	93.0	93.7	93.9	93.9	94.3
GE 600	60.4	61.9	73.7	77.8	84.8	86.7	89.6	91.8	92.9	93.4	93.5	93.7	94.3	94.5	94.5	94.9
GE 500	60.4	61.9	73.7	78.1	85.3	87.1	90.2	93.0	94.2	94.7	95.2	95.3	95.9	96.1	96.1	96.6
GE 400	60.4	61.9	73.7	78.1	85.4	87.2	90.3	93.1	94.5	95.2	95.6	95.7	96.3	96.5	96.6	97.0
GE 300	60.4	61.9	73.7	78.1	85.4	87.2	90.4	93.4	95.3	96.1	96.6	96.7	97.3	97.5	97.5	98.0
GE 200	60.4	61.9	73.7	78.1	85.4	87.2	90.5	93.5	95.4	96.2	96.8	96.9	97.5	97.8	97.8	99.1
GE 100	60.4	61.9	73.7	78.1	85.4	87.2	90.5	93.5	95.4	96.2	96.8	96.9	97.5	98.0	98.0	99.7
GE 000	60.4	61.9	73.7	78.1	85.4	87.2	90.5	93.5	95.4	96.2	96.8	96.9	97.5	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	23.1	23.3	26.8	28.8	31.0	31.1	31.9	33.0	33.1	33.5	33.7	33.7	34.1	34.2	34.3	34.9
GE 20000	24.8	25.1	28.6	30.6	32.9	33.0	33.9	34.9	35.2	35.6	35.7	35.7	36.1	36.3	36.6	37.2
GE 18000	24.8	25.1	28.6	30.6	32.9	33.0	33.9	34.9	35.2	35.6	35.7	35.7	36.1	36.3	36.6	37.2
GE 16000	24.8	25.1	28.6	30.6	32.9	33.0	33.9	34.9	35.2	35.6	35.7	35.7	36.1	36.3	36.6	37.2
GE 14000	24.8	25.1	28.6	30.6	32.9	33.0	33.9	34.9	35.2	35.6	35.7	35.7	36.1	36.3	36.6	37.2
GE 12000	24.9	25.2	28.7	30.8	33.0	33.1	34.0	35.1	35.3	35.7	35.8	35.8	36.2	36.5	36.7	37.3
GE 10000	25.9	26.1	29.7	31.8	34.3	34.4	35.3	36.3	36.6	37.0	37.1	37.1	37.5	37.7	38.0	38.6
GE 9000	26.6	26.9	30.8	32.9	35.4	35.5	36.3	37.4	37.6	38.1	38.2	38.2	38.6	38.8	39.0	39.7
GE 8000	29.1	29.6	34.1	36.3	39.5	39.6	40.9	41.9	42.2	42.6	42.7	42.7	43.1	43.3	43.5	44.2
GE 7000	30.0	30.4	34.9	37.2	40.4	40.5	41.8	42.9	43.1	43.5	43.7	43.7	44.1	44.3	44.5	45.2
GE 6000	30.2	30.6	35.2	37.4	40.6	40.8	42.0	43.1	43.3	43.8	43.9	43.9	44.3	44.5	44.7	45.4
GE 5000	32.5	33.0	38.3	40.6	44.2	44.4	45.8	46.9	47.4	47.8	48.0	48.0	48.4	48.6	48.8	49.5
GE 4500	35.7	36.5	42.8	45.6	49.5	49.7	51.2	52.4	52.9	53.3	53.4	53.4	53.9	54.1	54.3	54.9
GE 4000	39.7	40.4	47.0	50.0	54.6	54.8	56.7	58.2	58.7	59.2	59.4	59.4	59.8	60.0	60.2	60.9
GE 3500	43.4	44.2	51.4	54.4	59.7	59.9	61.7	63.2	63.8	64.3	64.4	64.4	64.8	65.4	65.6	66.2
GE 3000	46.0	46.8	54.8	58.7	64.1	64.3	66.1	67.7	68.3	68.8	68.9	68.9	69.4	69.9	70.1	70.8
GE 2500	49.8	50.5	59.0	63.2	68.8	69.0	70.9	72.5	73.0	73.5	73.7	73.7	74.1	74.6	74.8	75.5
GE 2000	53.3	54.2	63.0	67.5	73.5	73.9	75.8	77.4	78.0	78.5	78.6	78.6	79.0	79.6	79.8	80.4
GE 1800	54.0	54.8	63.8	68.3	74.5	74.8	76.8	78.4	78.9	79.5	79.6	79.6	80.0	80.5	80.8	81.4
GE 1500	56.8	57.8	67.7	72.5	79.5	79.9	82.0	83.7	84.2	84.9	85.1	85.1	85.5	86.0	86.2	86.9
GE 1200	57.7	58.9	69.0	74.1	81.4	81.8	84.2	85.9	86.5	87.2	87.3	87.3	87.7	88.3	88.5	89.1
GE 1000	58.2	59.4	69.5	74.8	83.1	84.2	86.7	88.4	89.1	90.0	90.1	90.1	90.5	91.2	91.4	92.0
GE 900	58.4	59.6	69.7	75.1	83.5	84.6	87.1	88.9	89.8	90.6	90.8	90.8	91.2	91.8	92.0	92.7
GE 800	58.6	59.8	70.2	75.6	84.5	85.7	88.3	90.1	91.0	91.9	92.2	92.2	92.7	93.3	93.7	94.3
GE 700	58.8	60.0	70.8	76.1	85.1	86.2	88.8	90.6	91.7	92.7	92.9	92.9	93.4	94.1	94.4	95.1
GE 600	58.8	60.0	70.8	76.1	85.1	86.2	89.1	91.0	92.0	93.0	93.2	93.2	93.8	94.4	94.7	95.4
GE 500	58.8	60.0	70.8	76.1	85.1	86.3	89.4	91.6	92.7	93.7	93.9	93.9	94.5	95.2	95.5	96.2
GE 400	58.8	60.0	70.8	76.1	85.1	86.3	89.4	91.7	92.8	93.9	94.2	94.2	94.8	95.5	95.8	96.6
GE 300	58.8	60.0	70.8	76.1	85.1	86.3	89.4	91.8	93.3	94.7	95.1	95.1	95.7	96.3	96.7	97.4
GE 200	58.8	60.0	70.8	76.1	85.1	86.3	89.4	91.8	93.3	94.7	95.1	95.2	95.8	96.7	97.1	98.8
GE 100	58.8	60.0	70.8	76.1	85.1	86.3	89.4	91.8	93.3	94.7	95.1	95.2	95.8	96.7	97.5	99.7
GE 000	58.8	60.0	70.8	76.1	85.1	86.3	89.4	91.8	93.3	94.7	95.1	95.2	95.8	96.7	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.4	22.7	26.0	27.1	28.9	29.2	30.0	30.8	31.0	31.2	31.2	31.3	31.4	31.4	31.5	31.8
GE 20000	25.5	25.8	29.6	30.7	32.8	33.1	33.9	34.7	35.0	35.2	35.3	35.4	35.5	35.5	35.6	35.9
GE 18000	25.6	26.0	29.8	30.9	32.9	33.3	34.1	34.9	35.2	35.4	35.5	35.5	35.6	35.7	35.8	36.1
GE 16000	25.6	26.0	29.8	30.9	32.9	33.3	34.1	34.9	35.2	35.4	35.5	35.5	35.6	35.7	35.8	36.1
GE 14000	25.8	26.2	29.9	31.1	33.1	33.4	34.2	35.1	35.4	35.6	35.7	35.7	35.8	35.9	35.9	36.3
GE 12000	26.3	26.6	30.5	31.6	33.6	34.0	34.8	35.6	35.9	36.1	36.2	36.3	36.4	36.4	36.5	36.8
GE 10000	27.8	28.1	32.1	33.4	35.5	35.8	36.8	37.6	37.9	38.1	38.2	38.3	38.4	38.5	38.5	38.8
GE 9000	28.4	28.8	32.9	34.2	36.5	36.8	37.7	38.6	38.9	39.1	39.2	39.2	39.3	39.4	39.4	39.8
GE 8000	31.8	32.2	36.8	38.1	40.5	40.8	42.0	42.9	43.2	43.4	43.5	43.6	43.7	43.8	43.8	44.2
GE 7000	32.6	33.0	37.8	39.2	41.6	42.0	43.2	44.1	44.4	44.6	44.8	44.8	44.9	45.0	45.0	45.4
GE 6000	32.9	33.3	38.1	39.4	41.9	42.3	43.5	44.4	44.7	44.9	45.1	45.1	45.2	45.3	45.3	45.7
GE 5000	35.1	35.5	40.6	42.1	44.7	45.2	46.5	47.6	48.0	48.2	48.3	48.4	48.5	48.5	48.5	49.0
GE 4500	37.9	38.3	43.9	45.7	48.6	49.1	50.5	51.6	52.0	52.3	52.5	52.6	52.7	52.8	52.8	53.1
GE 4000	42.7	43.2	49.3	51.4	54.7	55.2	56.9	58.1	58.6	58.9	59.1	59.2	59.3	59.4	59.5	59.8
GE 3500	46.4	47.0	53.6	55.9	59.4	59.9	61.8	63.1	63.6	64.0	64.2	64.3	64.4	64.5	64.6	65.0
GE 3000	50.0	50.7	58.0	60.5	64.4	65.1	67.1	68.6	69.2	69.6	69.9	70.0	70.1	70.3	70.4	70.8
GE 2500	52.5	53.2	61.2	63.9	68.1	68.9	71.0	72.7	73.3	73.7	74.0	74.2	74.3	74.5	74.6	75.0
GE 2000	55.7	56.6	65.5	68.6	73.4	74.2	76.5	78.2	78.9	79.4	79.8	79.9	80.1	80.3	80.3	80.8
GE 1800	55.9	56.8	65.8	68.9	73.7	74.6	76.9	78.7	79.3	79.9	80.2	80.4	80.5	80.7	80.8	81.2
GE 1500	58.4	59.4	69.2	72.5	77.8	78.8	81.2	83.0	83.7	84.3	84.6	84.8	85.0	85.2	85.2	85.7
GE 1200	59.4	60.5	70.5	74.1	79.9	81.1	83.7	85.6	86.3	86.9	87.3	87.4	87.6	87.8	87.9	88.3
GE 1000	59.8	60.9	71.1	74.8	81.2	82.6	85.4	87.4	88.1	88.8	89.2	89.3	89.5	89.7	89.8	90.3
GE 900	60.0	61.1	71.4	75.1	81.7	83.1	86.0	88.1	89.0	89.7	90.0	90.2	90.4	90.6	90.7	91.1
GE 800	60.1	61.3	71.8	75.6	82.4	83.9	86.9	89.1	90.0	90.8	91.2	91.3	91.5	91.7	91.8	92.3
GE 700	60.3	61.5	72.2	76.0	83.0	84.6	87.7	90.1	91.1	91.9	92.4	92.5	92.7	93.0	93.1	93.5
GE 600	60.4	61.6	72.4	76.3	83.4	85.2	88.5	91.1	92.1	93.0	93.4	93.6	93.8	94.0	94.1	94.6
GE 500	60.4	61.6	72.4	76.4	83.7	85.6	89.1	91.9	93.0	93.9	94.5	94.7	94.9	95.1	95.2	95.7
GE 400	60.5	61.7	72.5	76.4	83.9	85.7	89.3	92.2	93.4	94.4	95.0	95.3	95.5	95.8	95.9	96.3
GE 300	60.5	61.7	72.5	76.4	83.9	85.7	89.3	92.4	93.8	95.1	95.8	96.1	96.4	96.7	96.9	97.5
GE 200	60.5	61.7	72.5	76.4	83.9	85.7	89.3	92.4	93.9	95.4	96.1	96.5	96.9	97.4	97.9	99.1
GE 100	60.5	61.7	72.5	76.4	83.9	85.7	89.3	92.4	93.9	95.4	96.2	96.6	97.0	97.6	98.2	99.7
GE 000	60.5	61.7	72.5	76.5	83.9	85.8	89.4	92.4	93.9	95.4	96.2	96.6	97.0	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	23.7	24.0	27.6	28.7	30.9	31.5	32.3	32.9	33.1	33.3	33.4	33.4	33.5	33.5	33.6	33.8
GE 20000	28.2	28.5	32.8	34.1	36.7	37.4	38.4	39.1	39.3	39.5	39.6	39.7	39.7	39.8	39.9	40.1
GE 18000	28.3	28.6	32.9	34.2	36.8	37.5	38.5	39.2	39.4	39.6	39.7	39.8	39.9	39.9	40.0	40.2
GE 16000	28.3	28.7	32.9	34.2	36.8	37.5	38.5	39.2	39.4	39.6	39.8	39.8	39.9	39.9	40.0	40.2
GE 14000	28.4	28.7	33.0	34.3	36.9	37.6	38.6	39.3	39.6	39.7	39.9	39.9	40.0	40.0	40.1	40.3
GE 12000	28.6	29.0	33.3	34.6	37.3	37.9	39.0	39.7	39.9	40.1	40.2	40.3	40.3	40.4	40.5	40.7
GE 10000	30.2	30.6	35.1	36.5	39.3	40.0	41.0	41.8	42.0	42.2	42.3	42.4	42.5	42.5	42.6	42.8
GE 9000	30.8	31.2	35.8	37.2	40.1	40.8	41.9	42.6	42.9	43.1	43.2	43.2	43.3	43.4	43.5	43.7
GE 8000	34.0	34.5	39.5	41.1	44.2	45.0	46.2	47.0	47.3	47.5	47.6	47.7	47.7	47.8	47.9	48.1
GE 7000	34.7	35.2	40.4	42.0	45.2	46.0	47.2	48.0	48.2	48.5	48.6	48.7	48.7	48.8	48.9	49.1
GE 6000	34.9	35.4	40.6	42.2	45.4	46.2	47.4	48.3	48.5	48.7	48.9	48.9	49.0	49.1	49.2	49.4
GE 5000	37.6	38.1	43.6	45.4	48.8	49.7	51.0	51.9	52.2	52.4	52.6	52.6	52.7	52.8	52.9	53.1
GE 4500	41.1	41.7	47.7	49.6	53.4	54.3	55.7	56.7	56.9	57.2	57.4	57.5	57.5	57.6	57.7	57.9
GE 4000	46.8	47.4	54.3	56.5	60.7	61.7	63.3	64.4	64.7	65.0	65.2	65.3	65.3	65.4	65.5	65.7
GE 3500	50.8	51.5	58.9	61.2	65.8	66.9	68.7	69.8	70.1	70.5	70.7	70.8	70.8	70.9	71.0	71.3
GE 3000	55.5	56.3	64.4	66.9	72.0	73.2	75.1	76.4	76.8	77.2	77.4	77.5	77.6	77.7	77.8	78.0
GE 2500	57.6	58.4	67.0	69.6	75.0	76.3	78.3	79.7	80.1	80.5	80.7	80.8	80.9	81.0	81.1	81.4
GE 2000	59.9	60.7	69.9	72.9	78.6	80.0	82.2	83.7	84.2	84.6	84.8	85.0	85.0	85.1	85.2	85.5
GE 1800	60.1	61.0	70.2	73.2	79.0	80.4	82.6	84.1	84.6	85.0	85.3	85.4	85.5	85.6	85.7	85.9
GE 1500	61.6	62.4	72.3	75.5	81.7	83.3	85.7	87.3	87.8	88.3	88.5	88.7	88.8	88.8	89.0	89.2
GE 1200	62.3	63.2	73.4	76.8	83.4	85.1	87.7	89.4	89.9	90.4	90.7	90.8	90.9	91.0	91.1	91.4
GE 1000	62.6	63.5	74.0	77.5	84.4	86.2	88.9	90.8	91.3	91.9	92.2	92.3	92.4	92.5	92.6	92.9
GE 900	62.7	63.6	74.2	77.8	84.9	86.8	89.5	91.5	92.0	92.6	92.9	93.0	93.1	93.2	93.3	93.6
GE 800	62.9	63.8	74.5	78.1	85.4	87.4	90.3	92.3	92.9	93.5	93.8	94.0	94.1	94.2	94.3	94.5
GE 700	62.9	63.8	74.7	78.4	85.9	87.9	91.0	93.2	93.8	94.4	94.8	94.9	95.0	95.1	95.3	95.5
GE 600	63.0	63.9	74.8	78.5	86.1	88.3	91.5	93.8	94.5	95.2	95.5	95.7	95.8	95.9	96.0	96.3
GE 500	63.0	63.9	74.9	78.6	86.4	88.6	92.0	94.5	95.2	96.0	96.4	96.6	96.7	96.8	97.0	97.2
GE 400	63.0	63.9	74.9	78.7	86.5	88.7	92.2	94.8	95.6	96.5	97.0	97.1	97.3	97.4	97.6	97.8
GE 300	63.0	63.9	74.9	78.7	86.5	88.7	92.2	95.0	95.9	96.8	97.4	97.6	97.8	98.0	98.2	98.5
GE 200	63.0	63.9	74.9	78.7	86.5	88.7	92.3	95.1	95.9	97.0	97.5	97.8	98.1	98.4	98.7	99.2
GE 100	63.0	63.9	74.9	78.7	86.5	88.7	92.3	95.1	96.0	97.0	97.6	97.9	98.2	98.5	98.9	99.8
GE 000	63.0	63.9	74.9	78.7	86.5	88.7	92.3	95.1	96.0	97.0	97.6	97.9	98.2	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 87672

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC)... THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

· BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

· BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

· BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-3). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF)

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE

HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.

THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95						.1							.0
GE 90						.4	.6	.4					.1
GE 85						1.4	2.2	1.3	.1				.4
GE 80					.5	5.3	8.1	6.1	1.2	.1			1.2
GE 75			.1	.2	4.0	14.2	24.2	20.5	6.4	.6			5.9
GE 70			.4	2.0	12.2	33.6	51.9	48.6	22.9	4.0			14.8
GE 65			1.6	6.8	26.6	59.5	78.9	80.9	52.4	14.0	.3		26.9
GE 60		.5	4.9	20.5	55.8	86.1	97.6	97.8	87.0	41.1	3.8	.3	41.5
GE 55	3.0	4.6	20.3	46.5	82.6	97.6	99.8	100.0	98.5	74.9	20.6	7.1	54.8
GE 50	19.8	22.4	50.3	76.4	97.3	99.9	100.0		100.0	94.6	53.1	28.9	70.4
GE 45	44.0	48.1	76.5	95.0	99.9	100.0				99.5	81.0	52.9	83.2
GE 40	66.9	72.8	92.7	99.6	100.0					100.0	94.5	76.8	92.0
GE 35	89.5	93.7	99.2	100.0							99.3	94.1	98.0
GE 33	93.5	96.9	99.6								99.6	98.1	99.0
GE 30	98.2	99.6	100.0								99.8	99.6	99.8
GE 25	99.6	100.0									100.0	100.0	100.0
GE 20	99.9												100.0
GE 15	100.0												100.0
MEAN	43.1	44.1	49.3	54.3	61.0	66.9	70.2	69.8	65.5	58.4	49.6	45.0	56.5
SD	6.81	6.39	6.45	6.60	6.87	7.05	6.44	5.88	5.55	5.86	5.89	6.52	11.68
TOTAL OBS	1116	1017	1116	1080	1093	1050	1103	1139	1099	1108	1080	1116	13117

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 65						.1	.5	.4	.1				.1
GE 60					.1	2.5	10.9	9.6	3.7	.8			2.3
GE 55	.1			.1	1.9	19.4	46.1	42.9	20.5	6.7	.9	.1	11.7
GE 50	.7	.4	1.1	4.0	19.2	55.4	83.2	79.4	54.0	27.1	6.3	3.0	28.0
GE 45	7.0	5.6	6.7	17.9	54.0	87.6	97.6	97.5	82.0	53.8	21.8	12.7	45.6
GE 40	20.8	17.8	25.2	46.8	81.5	97.2	100.0	100.0	95.2	77.4	46.8	28.1	61.6
GE 35	50.6	46.5	65.5	80.1	96.8	99.5			99.8	92.8	73.7	58.8	80.5
GE 33	62.2	61.5	76.6	89.5	98.8	99.8			99.9	96.9	81.7	70.3	86.5
GE 30	78.0	80.0	88.7	97.4	100.0	100.0			99.9	99.6	90.7	81.5	93.0
GE 25	90.9	93.0	97.1	99.9					100.0	100.0	97.9	92.2	97.6
GE 20	96.0	97.9	99.6	100.0							99.6	97.8	99.2
GE 15	98.8	99.6	100.0								100.0	99.6	99.8
GE 10	99.8	100.0										99.9	100.0
GE 5	100.0											100.0	100.0
MEAN	34.1	34.0	36.3	39.5	44.7	50.0	53.7	53.3	49.7	44.9	38.9	35.8	43.0
SD	7.31	6.29	5.73	5.50	5.15	5.04	4.54	4.62	5.63	6.58	6.95	7.48	9.30
TOTAL OBS	1116	1017	1116	1080	1093	1050	1103	1139	1099	1108	1080	1116	13117

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.2							.0
GE 75						.5	1.0	.5					.2
GE 70					.1	3.1	7.4	5.2	.9	.2			1.4
GE 65				.1	2.1	11.9	30.3	26.2	8.5	1.4			6.8
GE 60			.1	.8	11.1	42.1	70.1	67.7	36.5	9.3	.1		20.0
GE 55	.1	.2	1.3	10.2	37.7	78.9	95.7	96.9	73.5	32.6	4.2	.9	36.2
GE 50	4.8	4.8	11.0	31.9	74.3	97.9	100.0	100.0	95.7	65.4	20.8	9.4	51.5
GE 45	21.3	20.8	40.1	67.4	96.1	99.8			99.9	90.8	51.3	30.4	68.3
GE 40	48.9	47.9	75.2	92.8	99.7	100.0			100.0	99.1	79.4	58.1	83.5
GE 35	73.6	79.3	94.4	99.8	100.0					100.0	95.1	81.3	93.7
GE 33	82.8	88.1	96.8	100.0							97.0	87.2	96.0
GE 30	90.9	95.7	99.6								99.2	94.6	98.3
GE 25	97.9	99.3	100.0								99.9	99.4	99.7
GE 20	99.6	100.0									100.0	100.0	100.0
GE 15	99.9												100.0
GE 10	100.0												100.0
MEAN	38.9	39.4	43.0	47.2	53.1	58.7	62.2	61.8	57.8	51.9	44.5	40.7	50.0
SD	6.77	5.95	5.38	5.30	5.25	5.23	4.77	4.41	4.84	5.59	6.04	6.71	10.09
TOTAL OBS	1116	1017	1116	1080	1093	1050	1103	1139	1099	1108	1080	1116	13117

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECGRD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							78*	81	71	71	58	51	81*
51	53	51	57	72	70	74	79	79	78	63	59	55	79
52	53	53	59	75	79	86	87	77	70	59	55	51	87
53	55	57	69	63	83	77	80	90	77	71	57	58	90
54	58	55	60	61	80	75	75	80	83				83*
56								72*	76*	62*	55	57	76*
57	57	56	67	64	71	90	82	78	68	66	55	56	90
58	55	58	59	72	75	76	83	78	79	64	55	54	83
59	53	62	60	69	77	82	91	83	82	78	59	55	91
60	54	62	58	62	77*	85	72	75	73	65	61	54	85*
61	53	60	69	66	73	83	90	84	82	70	58	58	90
62	54	56	57	68	65	76	75	75	76	68	58	56	76
63	41	43	59	66	79	80	79	74	73	69	58	50	80
64	52	57	55	68	80	75	79	91	77	72	58	59	91
65	53	49	72	63	67*	73	72	74	71	73	59	57	74*
66	54	57	56	69	78	78	74	81	74	69	60	55	81
67	56	56	66	71	78	75	84	79	76	69	61	58	84
68	58	47	77	79	74	81	88	81	79	70	61	54	88
69	56	53	58	72	79	78	90	85	76	77	67	54	90
70	52	54	61	63	77	86	88	85	81	74	65	54	88
71	54	54	56	72	74	74	85	79	76	74	61	58	85
72	50	50	65	59	67	70	79	76	74	74	61	59	79
73	51	53	66	62	71	77	80	93	87	71	60	55	93
74	59	57	64	71	77	75	80	78	71	55	57	60	80
75	57	55	55	66	71	82	86	91	73	64	57	55	91
76	59	59	60	64	82	95	93	84	75	68	53	48	95
77	53	53	62	64	75	73	82	78	75	69	62	60	82
78	48	53	62	59	78	80	75	75	77	75	64	57	80
79	44	46	57	69	78	73	80	75	79	70	59	61	80
80	52	55	57	72	73	81	79	81	77	66	59	55	81

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	52	55	64	66	73	75	82	81	75	64	61	50	82
82	54	57	63	63	77	82	81	82	82	64	63	55	82
83	57	52	57	64	72	79	91	84	79	79	61	55	91
84	55	54	54	72	64	79	86	84	81	70	64	57	86
85	52	57	61	68	75	77	82	79	81	81	61	59	82
86	54	39	59	61	70	84	84	79	70	72	61	57	84
87	50	55	54	72	72	82	82	82	73	66	55	57	82
88	55	55	57	70	75								75*

GREATEST	59	62	77	79	83	95	93	93	87	81	67	61	95
TOTAL OBS	1116	1017	1116	1080	1093	1050	1103	1139	1099	1108	1080	1116	13117

THE GREATEST VALUE OF 95 OCCURRED ON 06/26/76

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							49*	46	43	28	24	22	22*
51	21	27	24	28	32	41	42	43	41	26	29	21	21
52	16	24	29	26	38	39	44	45	33	28	20	22	16
53	26	19	25	29	33	42	47	44	40	32	29	27	19
54	20	13	22	27	36	38	43	45	37				13*
56								45*	51*	34*	22	28	22*
57	25	28	31	29	30	39	46	46	36	35	28	20	20
58	20	25	18	24	36	42	46	47	37	38	28	26	18
59	20	29	34	36	33	40	47	45	40	34	23	29	20
60	22	24	31	32	38*	43	45	43	40	34	31	29	22*
61	28	33	28	31	35	38	41	44	42	30	26	13	13
62	12	27	18	30	30	31	45	44	38	31	22	9	9
63	5	11	24	28	33	47	40	46	40	37	28	16	5
64	15	18	26	31	44	44	46	46	39	31	26	16	15
65	25	26	17	31	36*	43	42	46	40	31	20	18	17*
66	15	26	23	29	33	37	41	42	41	34	27	22	15
67	18	26	29	26	32	39	49	42	39	39	24	22	18
68	15	24	28	26	37	46	46	46	41	41	30	21	15
69	30	16	21	28	35	37	47	41	28	39	19	24	16
70	17	24	19	28	42	44	47	42	44	34	31	24	17
71	23	24	23	30	30	44	42	44	39	35	26	32	23
72	21	30	30	33	33	39	46	42	37	32	30	23	21
73	28	23	30	30	35	37	44	46	39	30	21	17	17
74	30	32	28	35	37	39	46	42	35	30	28	33	28
75	30	26	28	28	32	33	44	46	39	33	26	24	24
76	17	30	26	30	35	46	48	44	42	37	32	26	17
77	24	28	28	28	35	42	44	46	39	37	30	32	24
78	24	19	30	26	37	41	46	46	42	35	17	21	17
79	12	24	26	30	30	42	42	42	36	30	27	28	12
80	25	30	28	32	34	45	45	41	46	32	25	19	19

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	27	23	30	30	34	43	48	45	43	30	30	10	10
82	12	23	27	30	30	46	48	48	43	34	28	21	12
83	28	23	32	32	37	43	45	41	43	32	28	25	23
84	27	27	30	27	34	45	46	46	45	34	37	28	27
85	18	16	25	28	39	39	46	45	39	32	19	21	16
86	23	18	18	32	37	37	48	43	36	34	32	30	18
87	14	21	21	36	36	37	45	43	39	30	28	25	14
88	30	28	27	30	36								27*

LEAST	5	11	17	24	30	31	40	41	28	26	17	9	5
TOTAL OBS	1116	1017	1116	1080	1093	1050	1103	1139	1099	1108	1080	1116	13117

THE LEAST VALUE OF 5 OCCURRED ON 01/23/63

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							62*	62	56	50	43	34	50*
51	39	39	40	44	51	58	63	60	58	49	47	42	49
52	38	38	44	50	56	59	63	63	52	48	39	37	49
53	37	40	43	47	55	58	61	62	57	50	47	45	50
54	37	36	43	45	53	57	58	60	56				50*
56								60*	62*	52*	42	43	50*
57	42	42	49	47	50	60	63	60	55	52	44	40	50
58	38	41	39	46	54	58	62	62	60	52	44	41	50
59	35	40	46	50	54	61	65	64	59	55	44	43	51
60	39	40	43	48	54*	61	61	61	57	51	46	39	50*
61	39	46	46	50	51	59	60	61	60	52	43	36	50
62	39	40	36	46	50	56	59	60	55	51	42	34	47
63	28	30	43	47	51	59	59	58	55	51	47	35	47
64	36	40	40	50	60	60	64	64	61	48	45	39	50
65	38	38	42	47	52*	59	58	60	55	52	40	40	48*
66	37	43	43	46	52	60	59	61	59	53	43	41	50
67	40	43	47	47	54	59	67	63	59	55	43	40	52
68	41	38	46	50	52	61	61	62	60	57	46	38	51
69	44	35	40	47	55	58	64	61	58	57	44	39	50
70	40	39	40	45	58	64	62	63	61	54	49	39	51
71	40	40	41	46	54	56	64	62	58	53	44	44	50
72	40	41	45	48	52	55	61	61	55	53	46	43	50
73	40	40	45	45	54	60	62	66	60	49	42	43	51
74	46	46	45	50	55	57	61	61	55	46	44	47	51
75	45	40	41	48	49	59	65	67	58	50	43	42	51
76	42	40	43	49	58	65	67	63	58	53	44	38	52
77	39	42	46	46	52	56	62	62	59	55	44	43	51
78	38	37	44	44	51	57	59	59	58	54	47	40	49
79	32	34	40	45	51	55	60	60	57	52	45	44	48
80	38	44	42	48	52	59	60	63	61	51	44	42	50

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: +00

PERIOD OF RECORD: 5007-5409,5608-8805
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	40	38	47	46	54	57	64	61	59	48	46	33	49
82	39	42	44	47	54	62	63	63	60	51	47	39	51
83	45	37	44	46	52	59	68	65	59	53	48	43	52
84	40	40	42	47	49	59	63	66	58	55	50	44	51
85	34	35	42	49	52	56	62	60	58	52	40	46	49
86	39	32	43	44	53	60	64	60	53	53	47	44	49
87	34	39	39	51	50	56	61	61	58	51	46	44	49
88	42	41	44	48	56								47*
MEAN	38.9	39.4	43.0	47.2	53.1	58.7	62.2	61.8	57.8	51.9	44.5	40.7	50.0
TOTAL OBS	1116	1017	1116	1080	1093	1050	1103	1139	1099	1108	1080	1116	13117

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	37.1	7.604	930	0	238	0	0	0	930
03-05	36.8	7.760	929	0	258	0	0	0	929
06-08	36.7	7.741	930	0	261	0	0	0	930
09-11	38.2	7.327	929	0	200	0	0	0	929
12-14	40.7	6.776	930	0	104	0	0	0	930
15-17	40.1	6.754	930	0	111	0	0	0	930
18-20	38.5	7.230	930	0	166	0	0	0	930
21-23	37.7	7.389	930	0	213	0	0	0	930
ALL HOURS	38.2	7.429	7438	0	1551	0	0	0	7438

MONTH: FEB

00-02	36.4	6.595	849	0	260	0	0	0	849
03-05	36.0	6.684	849	0	264	0	0	0	849
06-08	35.7	6.703	849	0	261	0	0	0	849
09-11	38.5	6.190	849	0	136	0	0	0	849
12-14	41.4	6.222	849	0	63	0	0	0	849
15-17	41.0	6.228	849	0	76	0	0	0	849
18-20	38.4	6.115	849	0	137	0	0	0	849
21-23	37.2	6.298	849	0	228	0	0	0	849
ALL HOURS	38.1	6.738	6792	0	1425	0	0	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	39.7	5.611	930	0	85	0	0	0	930
03-05	39.1	5.705	930	0	98	0	0	0	930
06-08	39.6	5.660	930	0	91	0	0	0	930
09-11	43.9	5.419	930	0	15	0	0	0	930
12-14	46.8	5.549	930	0	5	0	0	0	930
15-17	46.7	5.442	929	0	5	0	0	0	929
18-20	43.3	5.275	930	0	17	0	0	0	930
21-23	41.0	5.463	930	0	60	0	0	0	930
ALL HOURS	42.5	6.231	7439	0	376	0	0	0	7439

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	42.7	5.361	900	0	17	0	0	0	900
03-05	41.7	5.298	900	0	35	0	0	0	900
06-08	43.8	5.404	900	0	18	0	0	0	900
09-11	49.6	6.219	900	0	0	12	0	0	900
12-14	52.7	7.073	900	0	0	53	0	0	900
15-17	52.6	7.214	900	0	0	46	0	0	900
18-20	48.6	6.241	900	0	0	4	0	0	900
21-23	44.8	5.497	900	0	3	0	0	0	900
ALL HOURS	47.1	7.381	7200	0	73	115	0	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 76 - MAY 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	47.3	5.221	930	0	1	0	0	0	930
03-05	46.3	5.181	930	0	8	0	0	0	930
06-08	49.9	5.277	930	0	1	2	0	0	930
09-11	55.4	6.201	930	0	0	54	0	0	930
12-14	58.1	6.855	930	0	0	127	0	0	930
15-17	58.0	6.828	930	0	0	130	0	0	930
18-20	54.6	6.266	930	0	0	38	0	0	930
21-23	49.7	5.321	930	0	0	1	0	0	930
ALL HOURS	52.4	7.369	7440	0	10	352	0	0	7440

MONTH: JUN

00-02	52.8	4.686	899	0	0	4	0	0	899
03-05	51.7	4.810	900	0	0	2	0	0	900
06-08	55.4	5.064	900	0	0	40	0	0	900
09-11	60.6	6.040	900	0	0	163	2	0	900
12-14	63.5	6.875	900	0	0	312	28	0	900
15-17	63.5	6.874	900	0	0	322	20	0	900
18-20	60.3	5.966	900	0	0	175	0	0	900
21-23	55.5	4.927	900	0	0	30	0	0	900
ALL HOURS	57.9	7.228	7199	0	0	1048	50	0	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	57.0	4.808	930	0	0	35	0	0	930
03-05	55.6	4.894	930	0	0	14	0	0	930
06-08	59.3	4.613	930	0	0	85	0	0	930
09-11	64.9	5.628	930	0	0	390	13	0	930
12-14	68.4	6.713	930	0	0	595	55	0	930
15-17	68.9	6.781	930	0	0	636	67	0	930
18-20	65.8	5.920	930	0	0	454	12	0	930
21-23	60.1	4.908	930	0	0	146	0	0	930
ALL HOURS	62.5	7.367	7440	0	0	2355	147	0	7440

MONTH: AUG

00-02	56.5	4.929	930	0	0	29	0	0	930
03-05	55.3	5.064	930	0	0	8	0	0	930
06-08	58.1	4.861	930	0	0	60	0	0	930
09-11	64.3	5.100	930	0	0	332	4	0	930
12-14	67.7	6.027	930	0	0	568	32	0	930
15-17	68.1	6.254	930	0	0	598	37	0	930
18-20	63.9	5.644	930	0	0	348	1	0	930
21-23	58.8	4.842	930	0	0	77	0	0	930
ALL HOURS	61.6	7.168	7440	0	0	2020	74	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	53.7	5.796	900	0	0	8	0	0	900
03-05	52.5	5.840	900	0	0	5	0	0	900
06-08	54.2	5.714	900	0	0	10	0	0	900
09-11	60.6	5.094	900	0	0	142	0	0	900
12-14	64.4	5.419	900	0	0	352	5	0	900
15-17	64.2	5.769	900	0	0	359	2	0	900
18-20	59.1	5.267	900	0	0	100	0	0	900
21-23	55.6	5.499	899	0	0	7	0	0	899
ALL HOURS	58.0	7.091	7199	0	0	983	7	0	7199

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	49.0	6.920	930	0	4	1	0	0	930
03-05	48.3	7.073	930	0	15	1	0	0	930
06-08	48.7	6.910	930	0	10	4	0	0	930
09-11	53.7	6.052	930	0	0	19	0	0	930
12-14	57.2	5.647	930	0	0	70	3	0	930
15-17	56.1	5.586	930	0	0	44	0	0	930
18-20	52.0	5.925	930	0	0	11	0	0	930
21-23	49.9	6.404	930	0	1	6	0	0	930
ALL HOURS	51.9	7.158	7440	0	30	156	3	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS			
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	44.3	7.433	900	0	51	0	0	0	900
03-05	43.9	7.739	900	0	61	0	0	0	900
06-08	43.9	7.798	900	0	64	1	0	0	900
09-11	46.3	7.264	900	0	21	0	0	0	900
12-14	49.1	6.590	900	0	7	1	0	0	900
15-17	48.1	6.770	900	0	10	0	0	0	900
18-20	45.8	7.272	900	0	38	0	0	0	900
21-23	44.8	7.599	900	0	53	0	0	0	900
ALL HOURS	45.8	7.528	7200	0	305	2	0	0	7200

MONTH: DEC

00-02	40.8	7.915	930	0	131	0	0	0	930
03-05	40.4	7.983	930	0	144	0	0	0	930
06-08	40.3	7.898	930	0	147	0	0	0	930
09-11	41.8	7.624	930	0	104	0	0	0	930
12-14	44.1	6.849	930	0	49	0	0	0	930
15-17	43.3	6.947	929	0	61	0	0	0	929
18-20	41.9	7.303	930	0	97	0	0	0	930
21-23	41.3	7.702	930	0	122	0	0	0	930
ALL HOURS	41.7	7.664	7439	0	855	0	0	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.5	9.378	10958	0	787	77	0	0	10958
03-05	45.7	9.216	10958	0	883	30	0	0	10958
06-08	47.2	10.111	10959	0	853	202	0	0	10959
09-11	51.6	11.273	10958	0	476	1112	19	0	10958
12-14	54.6	11.623	10959	0	228	2078	123	0	10959
15-17	54.3	11.937	10957	0	263	2135	126	0	10957
18-20	51.1	11.211	10959	0	455	1130	13	0	10959
21-23	48.1	9.855	10958	0	680	267	0	0	10958
ALL HOURS	49.9	11.112	87666	0	4625	7031	281	0	87666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	34.9	7.210	930	309	18	0	0	0	930
03-05	34.6	7.425	929	319	20	0	0	0	929
06-08	34.6	7.374	929	315	23	0	0	0	929
09-11	35.8	6.899	929	255	23	0	0	0	929
12-14	37.7	6.463	930	174	24	0	0	0	930
15-17	37.3	6.496	929	182	16	0	0	0	929
18-20	36.0	6.865	930	258	21	0	0	0	930
21-23	35.3	7.005	930	287	20	0	0	0	930
ALL HOURS	35.8	7.033	7436	2099	165	0	0	0	7436

MONTH: FEB

00-02	34.1	6.256	849	346	0	0	0	0	849
03-05	33.7	6.329	849	366	1	0	0	0	849
06-08	33.5	6.427	849	374	3	0	0	0	849
09-11	35.7	5.840	849	237	5	0	0	0	849
12-14	37.7	5.771	849	144	15	0	0	0	849
15-17	37.3	5.912	849	181	13	0	0	0	849
18-20	35.6	5.896	849	283	1	0	0	0	849
21-23	34.6	6.033	849	325	0	0	0	0	849
ALL HOURS	35.3	6.278	6792	2256	38	0	0	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	37.3	5.460	930	155	16	0	0	0	930
03-05	36.8	5.514	930	180	15	0	0	0	930
06-08	37.2	5.439	930	141	16	0	0	0	930
09-11	40.5	5.063	930	39	48	0	0	0	930
12-14	42.2	4.970	930	19	76	0	0	0	930
15-17	41.9	4.846	929	29	65	0	0	0	929
18-20	39.7	5.016	929	63	31	0	0	0	929
21-23	38.2	5.217	930	110	21	0	0	0	930
ALL HOURS	39.2	5.548	7438	736	288	0	0	0	7438

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	40.2	5.048	900	52	32	0	0	0	900
03-05	39.4	4.929	899	82	24	0	0	0	899
06-08	41.0	4.949	900	34	40	0	0	0	900
09-11	44.7	5.038	900	2	171	0	0	0	900
12-14	46.1	5.365	900	1	229	0	0	0	900
15-17	45.8	5.399	900	1	227	0	0	0	900
18-20	43.8	5.276	900	5	135	0	0	0	900
21-23	41.6	5.124	900	25	63	0	0	0	900
ALL HOURS	42.8	5.686	7199	202	921	0	0	0	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	44.6	4.906	930	10	149	0	0	0	930
03-05	43.9	5.011	930	22	120	0	0	0	930
06-08	46.6	4.721	930	4	255	0	0	0	930
09-11	49.6	4.979	930	0	479	0	0	0	930
12-14	50.8	5.223	930	0	553	0	0	0	930
15-17	50.6	5.145	930	0	538	0	0	0	930
18-20	48.9	4.995	930	0	410	0	0	0	930
21-23	46.2	4.915	930	1	240	0	0	0	930
ALL HOURS	47.6	5.604	7440	37	2744	0	0	0	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	50.2	4.683	899	0	494	0	0	0	899
03-05	49.4	4.778	900	0	443	0	0	0	900
06-08	52.0	4.674	900	0	613	1	0	0	900
09-11	54.6	5.034	900	0	771	25	0	0	900
12-14	55.9	5.382	900	0	814	35	2	0	900
15-17	55.9	5.276	900	0	810	30	3	0	900
18-20	54.5	5.041	900	0	752	13	2	0	900
21-23	51.9	4.748	900	0	600	1	0	0	900
ALL HOURS	53.0	5.468	7199	0	5297	105	7	0	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 82
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	54.1	4.363	930	0	791	5	0	0	930
03-05	53.1	4.537	930	0	721	1	0	0	930
06-08	55.7	3.981	930	0	884	5	0	0	930
09-11	58.6	4.316	930	0	925	42	0	0	930
12-14	59.9	4.529	930	0	927	96	1	0	930
15-17	60.0	4.436	930	0	926	101	0	0	930
18-20	58.8	4.405	930	0	926	49	2	0	930
21-23	56.0	4.306	930	0	884	7	0	0	930
ALL HOURS	57.0	4.980	7440	0	6984	306	3	0	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	53.8	4.534	930	0	782	0	0	0	930
03-05	53.0	4.711	930	0	724	0	0	0	930
06-08	54.9	4.374	930	0	840	0	0	0	930
09-11	58.1	4.016	930	0	926	22	0	0	930
12-14	59.2	4.352	930	0	926	47	0	0	930
15-17	59.2	4.397	930	0	930	46	0	0	930
18-20	57.6	4.324	930	0	906	12	0	0	930
21-23	55.2	4.414	930	0	827	1	0	0	930
ALL HOURS	56.4	4.470	7440	0	6861	128	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	50.5	5.486	900	0	546	0	0	0	900
03-05	49.8	5.515	900	0	501	0	0	0	900
06-08	51.1	5.263	900	0	582	0	0	0	900
09-11	55.0	4.343	900	0	808	2	0	0	900
12-14	56.4	4.361	900	0	844	5	0	0	900
15-17	56.1	4.560	900	0	826	5	0	0	900
18-20	53.7	4.715	900	0	719	0	0	0	900
21-23	51.8	5.195	899	0	616	0	0	0	899
ALL HOURS	53.0	5.477	7199	0	5442	12	0	0	7199

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	46.3	6.596	930	30	316	0	0	0	930
03-05	45.7	6.796	930	26	311	0	0	0	930
06-08	46.1	6.567	930	16	315	0	0	0	930
09-11	49.9	5.437	930	1	498	0	0	0	930
12-14	51.6	4.912	930	0	576	0	0	0	930
15-17	50.8	5.030	930	0	539	0	0	0	930
18-20	48.4	5.466	930	0	379	0	0	0	930
21-23	47.1	6.062	930	6	331	0	0	0	930
ALL HOURS	48.2	6.308	7440	79	3265	0	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	41.8	7.048	900	82	155	0	0	0	900
03-05	41.5	7.359	900	90	161	0	0	0	900
06-08	41.5	7.445	900	103	146	0	0	0	900
09-11	43.4	6.937	900	51	197	0	0	0	900
12-14	45.3	6.318	900	15	255	0	0	0	900
15-17	44.6	6.521	900	28	239	0	0	0	900
18-20	42.9	6.929	900	69	173	0	0	0	900
21-23	42.1	7.185	900	92	152	0	0	0	900
ALL HOURS	42.9	7.112	7200	530	1478	0	0	0	7200

MONTH: DEC

00-02	38.4	7.624	930	183	82	0	0	0	930
03-05	38.2	7.652	930	184	67	0	0	0	930
06-08	38.1	7.575	930	176	60	0	0	0	930
09-11	39.3	7.286	929	143	91	0	0	0	929
12-14	41.2	6.612	929	82	121	0	0	0	929
15-17	40.5	6.680	929	101	109	0	0	0	929
18-20	39.5	7.065	930	136	91	0	0	0	930
21-23	38.9	7.421	930	157	80	0	0	0	930
ALL HOURS	39.3	7.293	7437	1162	701	0	0	0	7437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	43.9	9.028	10958	1167	3381	5	0	0	10958
03-05	43.3	8.971	10957	1269	108	1	0	0	10957
06-08	44.4	9.541	10958	1163	3777	6	0	0	10958
09-11	47.2	9.728	10957	728	4942	91	0	0	10957
12-14	48.7	9.443	10958	435	5360	183	3	0	10958
15-17	48.4	9.620	10956	522	5238	182	3	0	10956
18-20	46.7	9.662	10958	814	4544	74	4	0	10958
21-23	45.0	9.246	10958	1003	3834	9	0	0	10958
ALL HOURS	45.9	9.607	87660	7101	34184	551	10	0	87660

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	31.2	8.225	930	293	248	930	0	930
03-05	30.9	8.432	929	297	225	929	0	929
06-08	30.9	8.345	929	303	235	929	0	929
09-11	32.1	7.783	929	242	264	929	0	929
12-14	33.3	7.496	930	187	329	930	0	930
15-17	33.0	7.656	929	197	313	929	0	929
18-20	32.1	7.896	930	251	283	930	0	930
21-23	31.5	7.945	930	271	248	930	0	930
ALL HOURS	31.9	8.056	7436	2041	2145	7436	0	7436

MONTH: FEB

00-02	30.2	7.092	849	321	189	849	0	849
03-05	29.8	7.231	849	339	189	849	0	849
06-08	29.6	7.245	849	358	180	849	0	849
09-11	31.4	6.746	849	275	205	849	0	849
12-14	32.2	7.103	849	241	235	849	0	849
15-17	31.9	7.352	849	257	229	849	0	849
18-20	31.2	7.155	849	290	214	849	0	849
21-23	30.5	6.994	849	320	193	849	0	849
ALL HOURS	30.8	7.194	6792	2401	1634	6792	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	33.8	6.449	930	174	303	930	0	930
03-05	33.4	6.531	930	170	281	930	0	930
06-08	33.8	6.430	930	157	290	930	0	930
09-11	36.1	6.089	930	77	432	930	0	930
12-14	36.3	6.521	930	94	462	930	0	930
15-17	35.7	6.628	929	111	440	929	0	929
18-20	35.0	6.233	929	117	397	929	0	929
21-23	34.4	6.304	930	140	346	930	0	930
ALL HOURS	34.8	6.519	7438	1040	2951	7438	0	7438

MONTH: APR

00-02	36.9	5.583	900	42	489	900	0	900
03-05	36.4	5.493	899	56	451	899	0	900
06-08	37.5	5.561	900	35	525	900	0	900
09-11	39.0	5.883	900	21	583	900	0	900
12-14	38.7	6.193	900	39	562	900	0	900
15-17	38.3	6.139	900	53	530	900	0	900
18-20	38.2	6.194	900	58	552	900	0	900
21-23	37.6	5.852	900	56	535	899	0	900
ALL HOURS	37.8	5.967	7199	360	4227	7198	0	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	41.7	5.512	930	7	759	929	0	930
03-05	41.3	5.616	930	11	754	930	0	930
06-08	43.3	5.310	930	4	833	929	0	930
09-11	43.8	6.122	930	7	820	914	0	930
12-14	43.7	6.728	930	12	793	909	0	930
15-17	43.4	6.646	930	14	776	914	0	930
18-20	43.2	6.260	930	5	778	917	0	930
21-23	42.5	5.738	930	4	786	926	0	930
ALL HOURS	42.8	6.117	7440	64	6299	7368	0	7440

MONTH: JUN

00-02	47.7	5.539	899	1	879	859	0	900
03-05	47.3	5.492	900	0	872	861	0	900
06-08	49.0	5.275	900	0	893	824	0	900
09-11	49.6	5.991	900	0	893	778	4	900
12-14	49.7	6.468	900	0	887	761	6	900
15-17	49.7	6.345	900	0	888	766	6	900
18-20	49.7	5.956	900	0	892	781	7	900
21-23	48.8	5.662	900	0	888	816	0	900
ALL HOURS	48.9	5.957	7199	1	7092	6446	23	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.8	4.690	930	0	930	778	5	930
03-05	51.2	4.822	930	0	930	805	2	930
06-08	53.0	4.472	930	0	930	724	5	930
09-11	53.8	5.126	930	0	930	658	7	930
12-14	53.6	5.337	930	0	930	669	11	930
15-17	53.5	5.400	930	0	930	661	8	930
18-20	53.5	5.246	930	0	929	654	7	930
21-23	52.9	4.907	930	0	929	719	6	930
ALL HOURS	52.9	5.152	7440	0	7438	5668	51	7440

MONTH: AUG

00-02	51.6	4.821	930	0	930	782	0	930
03-05	51.0	4.959	930	0	928	907	0	930
06-08	52.5	4.600	930	0	930	758	0	930
09-11	53.4	4.949	930	0	930	678	2	930
12-14	52.7	5.638	930	0	930	682	2	930
15-17	52.5	5.661	930	0	930	681	0	930
18-20	52.8	5.181	930	0	930	688	0	930
21-23	52.3	4.804	930	0	930	733	0	930
ALL HOURS	52.4	5.176	7440	0	7433	5809	4	7440

OPERATING LOCATION "A"
WAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	47.7	5.955	900	0	867	843	0	900
03-05	47.3	5.992	900	0	855	851	0	900
06-08	48.4	5.677	900	0	873	841	0	900
09-11	50.3	5.351	900	0	897	779	0	900
12-14	49.8	6.035	900	0	886	776	0	900
15-17	49.4	6.172	900	0	882	790	0	900
18-20	49.1	5.32	900	0	887	812	0	900
21-23	48.4	5.912	899	0	881	829	0	899
ALL HOURS	48.8	5.983	7199	0	7028	6521	0	7199

MONTH: OCT

00-02	43.5	7.165	930	14	774	913	0	930
03-05	43.0	7.330	930	21	745	916	0	930
06-08	43.4	7.065	930	12	761	917	0	930
09-11	46.2	6.064	930	1	883	896	0	930
12-14	46.3	6.173	930	0	885	886	0	930
15-17	45.8	6.200	930	0	867	898	0	930
18-20	44.9	6.231	930	0	836	913	0	930
21-23	44.1	6.727	930	4	797	915	0	930
ALL HOURS	44.7	6.788	7440	52	6548	7254	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	38.8	7.719	900	66	548	900	0	900
03-05	38.4	8.126	900	84	522	900	0	900
06-08	38.5	8.26	900	85	521	900	0	900
09-11	39.9	7.857	900	54	609	900	0	900
12-14	41.0	7.552	900	43	672	900	0	900
15-17	40.6	7.722	900	49	651	899	0	900
18-20	39.5	7.806	900	62	611	899	0	900
21-23	38.8	7.879	900	78	566	900	0	900
ALL HOURS	39.5	7.944	7200	521	4700	7198	0	7200

MONTH: DEC

00-02	35.2	8.483	930	159	397	930	0	929
03-05	34.9	8.541	930	164	393	930	0	929
06-08	34.8	8.467	930	173	390	930	0	929
09-11	36.0	8.161	929	123	432	929	0	929
12-14	37.6	7.565	929	82	504	929	0	929
15-17	37.0	7.640	929	94	466	929	0	929
18-20	36.2	7.963	930	124	434	930	0	929
21-23	35.7	8.222	930	146	404	930	0	929
ALL HOURS	35.9	8.222	7437	1065	3420	7437	0	7437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	40.9	9.861	10958	1077	7313	10543	5	10958
03-05	40.5	9.871	10957	1142	7145	10607	2	10957
06-08	41.3	10.248	10958	1127	7361	10431	5	10958
09-11	42.7	10.035	10957	800	7878	10140	15	10957
12-14	43.0	9.760	10958	698	8075	10121	19	10958
15-17	42.6	9.876	10956	775	7902	10145	14	10956
18-20	42.2	10.033	10958	907	7743	10202	14	10958
21-23	41.5	9.972	10958	1019	7503	10376	6	10958
ALL HOURS	41.8	9.995	87660	7545	60920	82565	78	87660

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	99.5	96.3	82.2	47.6	13.7	78.3	930
03-05	100.0	100.0	100.0	100.0	99.4	95.9	81.8	49.3	13.8	78.3	929
06-08	100.0	100.0	100.0	100.0	99.8	96.6	82.7	49.2	12.6	78.6	929
09-11	100.0	100.0	100.0	100.0	100.0	96.7	82.6	45.6	11.7	78.0	929
12-14	100.0	100.0	100.0	100.0	98.9	90.9	70.8	36.2	9.1	74.6	930
15-17	100.0	100.0	100.0	100.0	98.8	90.7	73.4	42.0	9.3	75.4	929
18-20	100.0	100.0	100.0	100.0	99.0	96.0	78.3	44.4	10.4	77.1	930
21-23	100.0	100.0	100.0	100.0	99.1	96.7	81.7	46.0	11.9	77.8	930
ALL HOURS	100.0	100.0	100.0	100.0	99.3	95.0	79.2	45.1	11.6	77.8	7436

MONTH: FEB

00-02	100.0	100.0	100.0	100.0	99.9	95.9	76.9	44.4	12.6	77.2	849
03-05	100.0	100.0	100.0	100.0	99.8	96.6	78.3	43.3	13.9	77.4	849
06-08	100.0	100.0	100.0	100.0	99.6	96.2	78.7	42.4	10.1	77.3	849
09-11	100.0	100.0	100.0	100.0	98.6	92.1	68.4	36.7	8.6	74.8	849
12-14	100.0	100.0	99.9	98.7	93.9	77.9	50.6	25.1	5.1	69.4	849
15-17	100.0	100.0	99.9	98.9	94.7	78.0	51.1	25.0	5.3	69.6	849
18-20	100.0	100.0	100.0	100.0	98.6	91.6	66.7	36.6	8.2	74.4	849
21-23	100.0	100.0	100.0	100.0	99.6	93.3	72.8	40.5	9.3	75.9	849
ALL HOURS	100.0	100.0	100.0	99.7	98.1	90.2	67.9	36.8	9.1	75.9	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.9	95.9	82.4	55.2	11.1	78.8	930
03-05	100.0	100.0	100.0	100.0	99.7	96.8	85.4	57.7	12.7	79.6	930
06-08	100.0	100.0	100.0	100.0	99.6	96.5	85.8	58.0	11.4	79.4	930
09-11	100.0	100.0	100.0	99.8	98.1	87.4	71.2	39.6	7.5	74.4	930
12-14	100.0	100.0	99.7	98.5	90.9	69.5	48.7	22.6	2.9	67.6	930
15-17	100.0	100.0	99.7	97.8	88.5	67.9	46.5	20.7	2.0	66.4	929
18-20	100.0	100.0	100.0	99.9	98.0	88.4	65.0	32.9	3.4	72.8	929
21-23	100.0	100.0	100.0	100.0	99.7	94.3	77.8	48.5	8.1	77.2	930
ALL HOURS	100.0	100.0	99.9	99.5	96.8	87.1	70.4	41.9	7.4	77.2	7438

MONTH: APR

00-02	100.0	100.0	100.0	100.0	100.0	98.8	90.1	56.0	12.0	79.8	900
03-05	100.0	100.0	100.0	100.0	99.9	99.1	92.3	63.8	17.1	81.5	899
06-08	100.0	100.0	100.0	100.0	99.7	96.7	86.1	55.6	11.3	78.9	900
09-11	100.0	100.0	99.9	99.3	91.3	73.9	48.8	20.2	3.7	67.7	900
12-14	100.0	100.0	99.6	95.2	79.3	48.4	25.0	9.4	1.2	60.1	900
15-17	100.0	100.0	99.2	93.1	76.8	45.7	24.9	8.7	1.1	59.3	900
18-20	100.0	100.0	100.0	98.8	92.7	73.7	49.4	20.8	3.1	67.8	900
21-23	100.0	100.0	100.0	100.0	99.4	94.6	80.1	39.7	7.6	76.1	900
ALL HOURS	100.0	100.0	99.8	98.3	92.4	78.8	62.1	34.3	7.1	76.1	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.2	92.9	61.9	12.9	80.8	930
03-05	100.0	100.0	100.0	100.0	100.0	99.8	96.8	72.8	16.3	82.8	930
06-08	100.0	100.0	100.0	100.0	99.7	95.3	84.8	50.6	8.8	78.2	930
09-11	100.0	100.0	99.9	98.3	89.1	66.5	41.8	19.1	3.2	66.3	930
12-14	100.0	100.0	99.2	92.8	74.2	46.9	28.5	13.2	2.0	60.4	930
15-17	100.0	100.0	99.8	91.1	72.7	46.0	29.5	11.5	1.7	59.9	930
18-20	100.0	100.0	100.0	97.7	89.0	65.5	44.1	21.2	3.1	66.6	930
21-23	100.0	100.0	100.0	99.9	99.7	95.1	78.9	41.8	7.2	76.4	930
ALL HOURS	100.0	100.0	99.9	97.5	90.6	76.8	62.2	36.5	6.9	76.4	7440

MONTH: JUN

00-02	100.0	100.0	100.0	99.7	99.7	98.6	95.0	71.4	16.6	82.9	899
03-05	100.0	100.0	100.0	100.0	100.0	99.8	97.2	80.1	24.6	85.0	900
06-08	100.0	100.0	100.0	99.9	99.4	96.3	85.8	54.2	13.1	79.7	900
09-11	100.0	100.0	99.9	99.0	95.7	73.6	42.1	17.3	2.8	67.9	900
12-14	100.0	99.9	99.6	96.8	85.6	53.7	25.6	11.0	1.6	62.1	900
15-17	100.0	100.0	100.0	96.9	82.7	53.2	27.9	11.9	1.6	62.1	900
18-20	100.0	100.0	100.0	99.6	94.6	74.8	48.6	19.3	4.2	68.9	900
21-23	100.0	100.0	100.0	99.9	99.8	96.3	83.7	49.3	9.9	78.6	900
ALL HOURS	100.0	100.0	99.9	99.0	94.7	80.8	63.2	39.3	9.3	78.6	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.5	92.8	69.0	18.9	83.1	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.3	78.3	24.3	85.3	930
06-08	100.0	100.0	100.0	100.0	100.0	97.2	83.7	54.6	14.7	80.2	930
09-11	100.0	100.0	100.0	99.9	94.8	74.0	41.8	18.6	4.5	68.4	930
12-14	100.0	100.0	99.9	96.5	78.5	49.6	24.1	9.7	1.9	60.7	930
15-17	100.0	100.0	99.1	94.8	73.5	45.1	21.8	11.3	1.8	59.5	930
18-20	100.0	100.0	99.9	98.8	89.8	67.1	35.2	17.3	2.2	66.0	930
21-23	100.0	100.0	100.0	99.9	99.9	96.1	77.0	45.1	8.9	77.7	930
ALL HOURS	100.0	100.0	99.9	98.7	92.1	78.6	59.2	38.0	9.7	77.7	7440

MONTH: AUG

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.4	95.9	75.4	17.4	83.9	930
03-05	100.0	100.0	100.0	10.0	100.0	99.8	97.7	84.0	23.5	85.7	930
06-08	100.0	100.0	100.0	100.0	100.0	98.5	91.0	66.2	12.5	82.0	930
09-11	100.0	100.0	100.0	99.9	96.0	76.2	43.9	19.2	2.3	68.7	930
12-14	100.0	100.0	100.0	97.1	76.1	45.9	22.6	10.6	1.1	60.0	930
15-17	100.0	100.0	99.8	96.0	70.9	43.5	22.3	10.5	1.8	59.2	930
18-20	100.0	100.0	100.0	99.7	92.6	72.9	44.2	21.5	3.3	68.5	930
21-23	100.0	100.0	100.0	100.0	100.0	98.2	86.2	52.2	8.4	79.4	930
ALL HOURS	100.0	100.0	100.0	99.1	91.9	79.3	63.0	42.5	8.8	79.4	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: U35773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.4	93.6	59.7	8.4	80.5	900
03-05	100.0	100.0	100.0	100.0	100.0	99.6	95.1	72.0	12.2	82.4	900
06-08	100.0	100.0	100.0	100.0	100.0	98.2	92.0	63.9	10.0	81.1	900
09-11	100.0	100.0	100.0	99.6	95.8	78.4	50.7	20.4	2.9	69.7	900
12-14	100.0	100.0	100.0	96.1	79.6	45.1	23.1	9.3	1.8	60.4	900
15-17	100.0	100.0	99.9	95.1	78.0	46.6	24.4	9.0	1.4	60.2	900
18-20	100.0	100.0	100.0	99.8	96.6	81.7	54.4	21.9	3.3	70.3	900
21-23	100.0	100.0	100.0	100.0	100.0	96.0	84.0	43.7	6.2	77.4	899
ALL HOURS	100.0	100.0	100.0	98.8	93.7	80.6	64.7	37.5	5.8	77.4	7199

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	99.2	94.2	63.7	11.3	81.4	930
03-05	100.0	100.0	100.0	100.0	100.0	99.6	95.4	67.7	13.4	82.2	930
06-08	100.0	100.0	100.0	100.0	100.0	99.7	94.8	69.1	13.4	82.2	930
09-11	100.0	100.0	100.0	100.0	99.8	94.5	77.7	41.0	5.7	76.2	930
12-14	100.0	100.0	100.0	99.5	95.5	72.0	43.4	17.8	1.7	67.9	930
15-17	100.0	100.0	100.0	99.7	96.1	78.3	48.9	18.9	2.0	69.1	930
18-20	100.0	100.0	100.0	100.0	99.9	97.1	83.9	43.5	4.7	77.1	930
21-23	100.0	100.0	100.0	100.0	100.0	99.0	93.0	60.3	9.5	80.6	930
ALL HOURS	100.0	100.0	100.0	99.9	98.9	92.4	78.9	47.8	7.7	80.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%						
00-02	100.0	100.0	100.0	100.0	100.0	99.2	90.2	62.1	14.1	81.1		900
03-05	100.0	100.0	100.0	100.0	99.8	98.1	90.7	63.3	11.8	80.9		900
06-08	100.0	100.0	100.0	100.0	99.6	98.4	91.0	62.6	15.6	81.2		900
09-11	100.0	100.0	100.0	100.0	99.3	95.6	85.1	51.1	10.3	78.5		900
12-14	100.0	100.0	100.0	99.1	98.2	90.2	72.4	35.2	4.1	74.0		900
15-17	100.0	100.0	100.0	99.8	99.1	92.0	77.7	41.8	4.1	75.6		900
18-20	100.0	100.0	100.0	100.0	99.7	98.2	87.4	51.8	6.8	78.6		900
21-23	100.0	100.0	100.0	100.0	100.0	98.4	90.1	55.4	8.0	79.7		900
ALL HOURS	100.0	100.0	100.0	99.9	99.5	96.3	85.6	52.9	9.3	79.7		7200

MONTH: DEC

00-02	100.0	100.0	100.0	100.0	99.6	99.0	88.2	55.3	15.2	80.2		930
03-05	100.0	100.0	100.0	100.0	99.7	99.1	86.9	57.7	16.3	80.3		930
06-08	100.0	100.0	100.0	100.0	100.0	98.9	86.6	57.6	16.7	80.3		930
09-11	100.0	100.0	100.0	100.0	100.0	98.6	86.4	54.5	15.6	79.7		929
12-14	100.0	100.0	100.0	100.0	100.0	97.3	81.9	47.0	10.3	77.7		929
15-17	100.0	100.0	100.0	100.0	100.0	98.2	84.0	50.3	10.4	78.5		929
18-20	100.0	100.0	100.0	100.0	100.0	99.0	85.7	56.0	13.1	79.7		930
21-23	100.0	100.0	100.0	100.0	100.0	99.5	87.2	56.5	14.7	80.2		930
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.7	85.9	54.4	14.1	80.2		7437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	99.9	98.4	89.6	60.2	13.7	80.7	10958
03-05	100.0	100.0	100.0	100.0	99.8	98.7	91.3	66.0	16.7	81.8	10957
06-08	100.0	100.0	100.0	100.0	99.8	97.4	87.0	57.1	12.5	79.9	10958
09-11	100.0	100.0	100.0	99.6	96.5	83.9	61.7	32.0	6.6	72.5	10957
12-14	100.0	100.0	99.8	97.5	87.5	65.6	43.1	20.6	3.6	66.2	10958
15-17	100.0	100.0	99.8	96.9	85.9	65.4	44.4	21.8	3.6	66.2	10956
18-20	100.0	100.0	100.0	99.5	95.8	83.8	61.9	32.3	5.5	72.3	10958
21-23	100.0	100.0	100.0	100.0	99.8	96.5	82.8	48.3	9.2	78.1	10958
ALL HOURS	100.0	100.0	99.9	99.2	95.6	86.2	70.2	42.3	8.9	74.7	87660

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR \approx 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.94	30.05	29.87	30.00	29.93	30.00	30.04	30.01	30.01	29.95	29.98	29.88	29.97
	SD	.402	.369	.372	.310	.252	.215	.193	.194	.262	.356	.359	.431	.324
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0300	MEAN	29.94	30.04	29.86	29.99	29.92	29.99	30.03	30.00	30.00	29.94	29.97	29.87	29.96
	SD	.403	.369	.374	.307	.252	.218	.198	.198	.265	.356	.359	.425	.324
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	29.92	30.04	29.85	30.00	29.93	29.99	30.03	30.00	30.00	29.94	29.97	29.86	29.96
	SD	.410	.368	.378	.307	.255	.220	.201	.202	.268	.356	.354	.421	.326
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
0900	MEAN	29.94	30.06	29.86	30.01	29.93	30.00	30.04	30.01	30.01	29.96	29.99	29.88	29.97
	SD	.416	.365	.387	.308	.257	.220	.203	.204	.271	.353	.354	.420	.328
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	29.94	30.06	29.86	30.00	29.93	30.00	30.03	30.01	30.01	29.95	29.98	29.87	29.97
	SD	.417	.363	.386	.308	.256	.217	.200	.201	.265	.348	.354	.420	.326
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1500	MEAN	29.92	30.04	29.85	29.98	29.92	29.99	30.02	29.99	29.99	29.93	29.97	29.86	29.95
	SD	.416	.360	.376	.305	.255	.212	.195	.196	.257	.343	.355	.417	.322
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1800	MEAN	29.94	30.05	29.86	29.99	29.92	29.98	30.01	29.99	29.99	29.95	29.98	29.87	29.96
	SD	.413	.360	.372	.306	.253	.209	.191	.192	.253	.346	.357	.418	.320
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
2100	MEAN	29.94	30.05	29.87	30.01	29.94	30.00	30.03	30.01	30.01	29.95	29.99	29.87	29.97
	SD	.409	.362	.370	.310	.252	.211	.189	.191	.256	.352	.360	.424	.323
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	310	3652
ALL HOURS	MEAN	29.93	30.05	29.86	30.00	29.93	29.99	30.03	30.00	30.00	29.95	29.98	29.87	29.96
	SD	.411	.365	.377	.308	.254	.215	.197	.197	.262	.351	.357	.422	.324
	TOT OBS	2480	2262	2480	2400	2480	2399	2480	2480	2400	2480	2400	2479	29220

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.90	30.01	29.83	29.96	29.89	29.96	30.00	29.97	29.97	29.91	29.94	29.84	29.93
	SD	.402	.369	.372	.310	.252	.215	.193	.194	.262	.356	.359	.431	.324
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0300	MEAN	29.90	30.00	29.82	29.95	29.88	29.95	29.99	29.96	29.96	29.90	29.93	29.83	29.92
	SD	.403	.369	.374	.307	.252	.218	.198	.198	.265	.356	.359	.425	.324
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	29.88	30.00	29.81	29.96	29.89	29.95	29.99	29.96	29.96	29.90	29.93	29.82	29.92
	SD	.410	.368	.378	.307	.255	.220	.201	.202	.268	.356	.354	.421	.326
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
0900	MEAN	29.90	30.02	29.82	29.97	29.89	29.96	30.00	29.97	29.97	29.92	29.95	29.84	29.93
	SD	.416	.365	.387	.308	.257	.220	.204	.204	.271	.353	.354	.420	.328
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	29.90	30.02	29.82	29.96	29.89	29.96	29.99	29.97	29.97	29.91	29.94	29.83	29.93
	SD	.417	.363	.386	.308	.256	.217	.201	.201	.265	.348	.354	.420	.326
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1500	MEAN	29.88	30.00	29.81	29.94	29.88	29.95	29.98	29.95	29.95	29.89	29.93	29.82	29.91
	SD	.416	.360	.376	.305	.255	.212	.195	.196	.257	.344	.355	.417	.322
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1800	MEAN	29.90	30.01	29.82	29.95	29.88	29.94	29.97	29.95	29.95	29.91	29.94	29.83	29.92
	SD	.413	.360	.372	.306	.253	.209	.190	.192	.253	.346	.357	.418	.320
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
2100	MEAN	29.90	30.01	29.83	29.97	29.90	29.96	29.99	29.97	29.97	29.91	29.95	29.83	29.93
	SD	.409	.361	.370	.310	.252	.212	.189	.191	.256	.353	.360	.424	.323
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	310	3652
ALL HOURS	MEAN	29.89	30.01	29.82	29.96	29.89	29.95	29.99	29.96	29.96	29.91	29.94	29.83	29.92
	SD	.411	.365	.377	.308	.254	.215	.197	.197	.262	.352	.357	.422	.324
	TOT OBS	2480	2262	2480	2400	2480	2399	2480	2480	2400	2480	2400	2479	29220

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.5	.3		930	4.7	1.1	.2	930	5.2	1.7	.1	930	6.1	1.7	.3	930
CATEGORY B	8.9	4.1	.8	930	9.0	4.4	1.8	930	10.3	5.4	2.6	930	10.4	5.7	2.4	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.6	1.5	.3	930	4.9	1.0		930	3.8	1.2	.2	930	3.9	.6	.1	930
CATEGORY B	12.7	6.9	2.3	930	11.2	4.7	1.8	930	8.8	4.0	2.0	930	10.1	4.3	1.3	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.5	1.4	.2	4650	5.0	1.1	.2	7440
CATEGORY B	10.7	5.3	2.2	4650	10.2	4.9	1.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.2	.5		849	2.0	.1		849	1.8	.4		849	3.3	.2		849
CATEGORY B	6.4	3.5	1.1	849	6.5	2.9	.2	849	5.3	1.6	.8	849	7.7	3.1	.6	849

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.9	.6	.1	849	3.4	.5		849	2.7	.4		849	3.4	.8		849
CATEGORY B	9.9	5.2	.9	849	8.0	2.6	.7	849	7.3	2.5	1.1	849	6.9	3.3	1.3	849

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.2	.4	.0	4245	3.1	.4	.0	6792
CATEGORY B	7.6	3.0	.8	4245	7.2	3.1	.8	6792

U

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.1	1.5	.6	930	3.2	1.2		930	5.1	1.8	.2	930	8.7	2.3	.4	930
CATEGORY B	9.9	4.5	2.2	930	9.0	4.4	1.6	930	11.3	5.7	1.8	930	15.4	7.1	2.9	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	10.1	1.8	.6	930	7.7	1.0	.2	930	5.2	1.1		930	4.9	.8		930
CATEGORY B	18.7	9.4	3.3	930	14.8	6.5	2.4	930	9.7	4.7	1.6	930	9.5	4.7	2.0	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.4	1.6	.3	4650	6.3	1.4	.3	7440
CATEGORY B	14.0	6.7	2.4	4650	12.3	5.9	2.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: U35773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.4	.1		900	1.1			900	1.7	.1		900	3.3	.1		900
CATEGORY B	2.8	1.1	.4	900	2.6	1.3		900	3.9	1.3	.6	900	7.8	3.0	1.0	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.0	.7		900	5.1	.7		900	2.4	.2		900	1.7	.1		900
CATEGORY B	11.3	4.8	1.4	900	10.6	4.8	1.4	900	5.6	2.4	.6	900	4.0	1.9	.2	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.5	.4		4500	2.7	.3		7200
CATEGORY B	7.8	3.3	1.0	4500	6.1	2.6	.7	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108 288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.1		930	.3			930	.8			930	3.8	.9		930
CATEGORY B	1.1	.2	.1	930	1.5			930	5.6	1.3	.1	930	9.9	3.1	1.0	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.4	1.3		930	3.8	.5	.1	930	1.8	.5	.1	930	1.0	.2		930
CATEGORY B	11.9	4.9	1.9	930	10.5	3.8	1.3	930	4.5	1.7	.9	930	3.0	1.0	.3	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.1	.6	.0	4650	2.1	.4	.0	7440
CATEGORY B	8.5	3.0	1.0	4650	6.0	2.0	.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			900				900	.2			900	.9			900
CATEGORY B	1.2	.2		900	1.2	.1		900	2.8	.6		900	4.8	1.0		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.3			900	1.6			900	.4	.1		900	.4	.1		900
CATEGORY B	6.6	2.0		900	6.4	2.0	.2	900	2.1	.7	.2	900	1.7	.7	.1	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1	.0		4500	.8	.0		7200
CATEGORY B	4.5	1.2	.1	4500	3.3	.9	.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.2			930	.2			930	.8			930
CATEGORY B	.6			930	.9	.3		930	.9	.2	.1	930	2.6	.3		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			930	.2			930	.4			930				930
CATEGORY B	4.1	.3		930	3.4	.2		930	1.5	.3		930	.8	.1		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			4650	.3			7440
CATEGORY B	2.5	.3	.0	4650	1.8	.2	.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			930	.6			930	.3	.1		930	1.3	.2		930
CATEGORY B	1.9	.3		930	1.7	.9	.1	930	2.7	.6	.2	930	7.2	1.9	.3	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.7	.2		930	2.7	.2		930	.9			930	.2			930
CATEGORY B	7.8	2.5	.6	930	8.0	3.1	.5	930	4.1	1.2	.2	930	1.7	.4		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.4	.2		4650	1.0	.1		7440
CATEGORY B	6.0	1.9	.4	4650	4.4	1.4	.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.4	.4	.1	900	1.1	.3		900	1.0	.2		900	1.7	.2		900
CATEGORY B	4.5	1.2	.9	900	3.1	1.0	.6	900	3.3	1.0	.4	900	9.1	2.6	.4	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.3	.9		900	3.0	.2		900	1.2	.3		900	1.2	.4		900
CATEGORY B	10.3	4.3	1.4	900	7.7	3.2	1.2	900	4.0	1.6	.4	900	3.7	.8	.6	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.0	.4		4500	1.8	.4	.0	7200
CATEGORY B	6.9	2.5	.8	4500	5.7	2.0	.8	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 82
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1			930	1.5	.3	.2	930	2.6	.3	.3	930	4.8	.4	.1	930
CATEGORY B	5.2	1.1	.1	930	4.7	2.3	.3	930	7.8	3.5	.8	930	11.9	5.9	1.7	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.0	1.5	.3	930	3.3	.5		930	2.2	.5		930	2.5	.4		930
CATEGORY B	12.4	6.0	1.7	930	7.8	3.4	.9	930	5.9	2.4	1.2	930	5.2	1.9	.9	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.8	.7	.2	4650	3.0	.5	.1	7440
CATEGORY B	9.2	4.3	1.2	4650	7.6	3.3	.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.8	.3		900	3.7	.6		900	4.2	.6		900	5.1	.9		900
CATEGORY B	9.0	4.2	1.1	900	10.1	4.1	1.0	900	7.4	4.0	1.0	900	14.0	6.4	1.7	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.1	.9	.1	900	2.7	.4	.1	900	2.9	.1		900	4.0	.4		900
CATEGORY B	15.3	6.0	1.6	900	10.1	3.1	1.4	900	9.2	3.8	.7	900	10.6	4.0	.8	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.0	.6	.0	4500	3.9	.5	.0	7200
CATEGORY B	11.6	4.7	1.3	4500	11.0	4.5	1.2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108.2°WS

STATION NUMBER: 055773 STATION NAME: RAF MILDENHALL UNITED KINGDOM
LIST TO UIC: 0

PERIOD OF RECORD: JUN 78 MAY 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLY OBS & SPECIALS)

TIME (LST)	0000 0200				0300 0500				0600 0800				0900 1100			
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS
CATEGORY A	5.5	1.1		950	4.7	1.6		950	5.3	1.3		950	5.8	1.9	1.1	950
CATEGORY B	11.7	5.2	1.3	950	12.5	5.2	1.4	950	11.4	5.4	1.0	950	12.4	5.6	1.0	950

TIME (LST)	1200 1400				1500 1700				1800 2000				2100 2300			
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS
CATEGORY A	7.1	1.5	1.1	950	4.7	1.8		950	5.8	1.5		950	6.1	1.4		950
CATEGORY B	15.5	7.1	1.5	950	10.2	5.8	1.3	950	12.5	5.5	1.3	950	12.6	5.4	1.2	950

TIME (LST)	0600 2000				ALL HOURS			
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS
CATEGORY A	5.6	1.8	1.0	4650	5.6	1.6	1.0	7440
CATEGORY B	12.3	5.5	1.6	4650	12.3	5.5	1.5	7440

OPERATING LOCATION "A"
USAFETAL, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 108-288

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.2	.3	.1	10959	1.9	.4	.0	10959	2.4	.5	.1	10959	3.3	.7	.1	10959
CATEGORY B	5.3	2.2	.7	10959	5.2	2.2	.6	10959	6.3	2.6	.8	10959	9.4	3.8	1.2	10959

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.9	.9	.1	10959	3.6	.5	.0	10959	2.5	.4	.0	10959	2.4	.4	.0	10959
CATEGORY B	11.4	5.0	1.5	10959	9.1	3.4	1.1	10959	6.3	2.6	.8	10959	5.8	2.4	.7	10959

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.4	.6	.1	54795	3.0	.5	.1	87672
CATEGORY B	8.5	3.5	1.1	54795	7.3	3.0	.9	87672

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPP	AA AA	RRRRRRR	TT	HHHHHHHH	
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	HHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUL 50 - MAY 88

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1950							66	86	232	447	638	936	2405
1951	784	725	750	602	408	199	81	154	204	483	530	700	5620
1952	835	782	640	449	266	195	102	76	382	525	772	864	5888
1953	850	702	681	556	308	222	123	107	246	446	546	614	5401
1956											672	674	1346
1957	693	628	494	527	443	184	88	140	300	393	629	768	5287
1958	824	668	781	573	335	207	86	89	158	384	627	737	5469
1959	923	683	591	443	351	146	60	67	170	294	616	664	5008
1960	778	709	661	500	****	123	133	135	241	432	565	783	5060
1961	802	536	575	435	419	183	161	139	157	400	642	885	5334
1962	807	706	886	565	463	257	183	160	284	407	672	946	6336
1963	1144	958	661	513	430	169	177	207	277	422	543	909	6410
1964	903	718	782	****	****	****	****	****	****	****	****	****	2403
1965	****	****	****	****	****	****	****	****	****	****	****	771	771
1966	857	603	677	562	394	156	195	146	182	383	665	739	5559
1967	769	614	564	539	341	170	24	78	175	315	643	752	4984
1968	730	780	578	456	387	109	136	91	156	242	564	819	5048
1969	639	819	763	544	316	218	73	130	204	236	624	806	5372
1970	766	727	774	578	221	82	107	94	141	324	488	799	5101
1973	747	691	594	568	337	143	80	32	161	490	671	668	5182
1974	558	527	587	425	307	202	113	124	281	576	609	553	4862
1975	614	683	718	506	460	176	50	37	195	438	651	711	5239
1976	701	694	681	474	213	82	35	67	196	348	604	830	4925
1977	806	616	569	546	381	247	103	102	177	274	600	655	5076
1978	831	771	621	628	402	229	181	155	192	326	514	751	5601

1979	1005	845	760	578	422	278	137	146	229	388	592	652	6032
1980	823	602	696	497	381	166	151	96	113	442	639	713	5319

1981	773	752	561	558	345	229	73	123	184	514	573	979	5664
1982	801	634	644	520	322	116	80	87	146	407	520	805	5082
1983	619	769	638	565	395	161	19	59	174	370	515	689	4973
1984	771	733	704	543	482	198	92	39	203	303	455	654	5177
1985	959	820	707	483	390	274	101	147	197	387	739	595	5799

1986	791	920	680	626	354	164	73	152	338	370	550	649	5667
1987	961	718	785	413	446	292	133	154	207	434	581	659	5783
1988	692	680	633	485	253								2743

MEAN	798	712	669	524	365	185	103	110	209	393	601	749	
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

SD	119.59	96.72	86.48	57.81	69.96	54.54	46.71	42.44	60.27	80.80	70.02	106.14	
----	--------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--

*****SPL 30YR SUMMATION (1951 -1980)*****

MEAN	799	699	670	524	362	180	112	111	209	389	611	750	
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

SD	122.67	97.56	93.49	56.85	70.77	51.56	48.52	42.62	62.46	87.13	62.49	94.64	
----	--------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 035773

STATION NAME: RAF MILDENHALL UNITED KINGDOM
LST TO UTC: - 0

PERIOD OF RECORD: JUL 50 - MAY 88

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1950							9	21					30
1951							18	5	10				33
1952					2	24	48	17					91
1953					8	5	4	15	1				33
1957						37	28	6					71
1958							16	8	16				40
1959					2	21	55	55		5			138
1960					****	22		6	2				30
1961						8	17	14	16	2			57
1962						1	2		2				5
1963							1						1
1966						5		14	2				21
1967					1	4	80	26	2				113
1968				2		4	24	19	5				54
1969					3		58	21	3	1			86
1970						40	25	24	12				101
1973						2	16	86	42				146
1974							20	11					31
1975						10	57	120	3				190
1976					6	109	127	34					276
1977						1	31	13	5				50
1978						7	7		7				21
1979							11	5	3				19
1980						9	18	33	6				66

1981				3	37	22			62
1982				28	35	39	10		112
1983				5	133	61	2	13	214
1984				11	36	73	11		131
1985					20	6	3	7	36

1986				34	45	10			89
1987				16	13	25	4		58

MEAN				0	0	13	31	25	5	0
------	--	--	--	---	---	----	----	----	---	---

SD				.36	1.87	21.65	32.68	27.49	8.27	2.72
----	--	--	--	-----	------	-------	-------	-------	------	------

****SPL 30YR SUMMATION (1951 -1980)****

MEAN				0	1	13	28	23	5	0
------	--	--	--	---	---	----	----	----	---	---

SD				.42	2.14	23.91	30.41	28.76	9.25	1.11
----	--	--	--	-----	------	-------	-------	-------	------	------

A W S	STATION NAME: RAF MILDENHALL UNITED KINGDOM	FIELD ELEV: 33 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 52 22 N 000 29 E	STATION MSC: 035773
	HOURLY OBS POR: JUN 78 - MAY 88	CALL SIGN: EGUN
	SUMMARY OF DAY POR: 5007-5409, 5608-6403, 6512-8805 (FULL TIME), 6404-6511 (PART TIME)	SUPERSEDES: APR 84
JAN 89	HOURS SUMMARIZED: 0000 - 2300 LST (EXCEPT 07-24 LST 6404-6511)	
	LST TO UTC: +00	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	59	62	77	79	83	95	93	93	87	81	67	61	95	38
MEAN MAX TEMP (F)	43	44	49	54	61	67	70	70	66	58	50	45	57	38
MEAN TEMP (F)	39	39	43	47	53	59	62	62	58	52	45	41	50	38
MEAN MIN TEMP (F)	34	34	36	40	45	50	54	53	50	45	39	36	43	38
EXTRM MIN TEMP (F)	5	11	17	24	30	31	40	41	28	26	17	9	5	38
D/W TEMP GE 80 (F)	0	0	0	0	1	2	3	2	1	#	0	0	9	38
D/W TEMP GE 70 (F)	0	0	#	1	4	10	16	15	7	1	0	0	54	38
D/W TEMP LT 33 (F)	12	11	7	3	1	#	0	0	#	1	5	9	49	38
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	#	1	3	38
HEATING DEGREE DAYS	798	712	669	524	365	185	103	110	209	393	601	749	5418	39
COOLING DEGREE DAYS	0	0	0	#	#	13	31	25	5	#	0	0	74	39
MEAN DEWPOINT TEMP (F)	32	31	35	38	43	49	53	52	49	45	40	36	42	10
MEAN WET BULB TEMP (F)	36	35	39	43	48	53	57	56	53	48	43	39	46	10
99.95% WCPA (FT)	1300	1050	1250	900	800	650	550	550	750	1100	1100	1400	1000	10
MEAN REL HUM 07 LST(%)	78.6	77.3	79.4	78.9	78.2	79.7	80.2	82.0	81.1	82.2	81.2	80.3	79.9	10
MEAN REL HUM 13 LST(%)	74.6	69.4	67.6	60.1	60.4	62.1	60.7	60.0	60.4	67.9	74.0	77.7	66.2	10
MAX 24HR PRECIP (IN)	1.38	1.33	.82	1.10	2.30	1.63	2.20	2.28	1.94	1.53	1.40	1.32	2.30	38
MAX PRECIP (IN)	3.74	3.51	3.52	3.38	4.49	4.52	4.23	5.15	4.96	4.85	5.24	3.75	28.88	38
MEAN PRECIP (IN)	1.74	1.43	1.71	1.52	1.97	2.06	2.02	2.09	1.99	1.95	2.15	1.84	22.23	38
MIN PRECIP (IN)	.41	.10	.28	.07	.50	.03	.38	.26	.04	.10	.58	.48	14.07	38
D/W PRECIP GE .01 (IN)	16	12	15	13	13	12	12	13	12	13	15	15	161	38
D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	1	1	1	1	1	1	12	38
MAX 24HR SNFL (IN)	8.2	6.5	5.0	1.6	#	#	0	0	0	#	6.5	5.3	8.2	38
MAX SNFL (IN)	10.7	14.4	6.2	2.3	#	#	0	0	0	#	6.8	8.2	24.0	38
MEAN SNFL (IN)	2.4	2.2	.8	.2	#	#	0	0	0	#	.6	1.2	7.1	38
D/W SNFL GE .1 (IN)	2	2	1	1	0	0	0	0	0	0	1	1	8	38
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	#	1	4	38
MAX DLY SNO DEPTH (IN)	7	6	4	2	0	0	0	0	0	0	6	4	7	38
PRVING WND DIR (DEG)	23-25	23-25	23-25	35-01	20-22	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	10
MEAN WND SPD (KTS)	9	8	9	7	7	7	6	6	7	7	8	9	7	10
MAX WND SPD (KTS)	65	56	66	54	44	38	45	42	46	61	55	63	66	31
SKY COVER GT 5/10 (%)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
D/W THUNDERSTORMS	#	1	1	1	3	3	3	3	1	1	1	#	18	38
D/W FOG (VSBY LT 7 MI)	17	16	16	12	13	12	13	17	16	20	17	18	187	38

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH
 & = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN
 WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	37.3	41.5	34.5	26.7	20.5	22.8	20.8	23.0	20.2	30.5	34.7	35.1	29.0	10
	03 - 05	38.8	41.7	40.1	34.4	32.8	36.0	32.6	33.0	29.6	34.4	37.0	36.9	35.6	10
	06 - 08	43.7	45.0	47.3	35.8	34.6	30.4	29.7	33.3	33.2	36.9	39.3	36.1	37.1	10
	09 - 11	38.9	43.3	44.2	27.9	25.4	20.1	24.1	22.0	23.6	28.3	36.1	36.2	30.8	10
	12 - 14	35.4	37.8	40.5	18.4	17.1	12.0	14.8	13.8	17.8	22.9	31.4	34.8	24.7	10
	15 - 17	38.2	36.2	31.8	15.1	12.2	9.1	10.2	11.1	11.0	17.1	30.1	35.2	21.4	10
	18 - 20	39.8	37.9	27.4	17.0	10.6	9.3	10.3	9.9	12.7	22.0	28.2	34.3	21.6	10
	21 - 23	36.0	38.8	28.4	21.2	14.1	15.1	15.8	13.0	18.0	24.8	31.3	35.9	24.4	10
	ALL	38.5	40.3	36.8	24.6	20.9	19.4	19.8	19.9	20.7	27.1	33.5	35.6	28.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	25.6	29.3	22.8	16.6	15.8	16.3	13.1	17.2	15.1	21.9	23.8	23.7	20.1	10
	03 - 05	26.7	29.4	26.9	23.6	26.6	29.7	23.8	27.2	22.8	25.3	25.6	24.6	26.0	10
	06 - 08	28.6	35.0	34.2	26.9	24.6	23.9	23.5	26.6	26.3	30.3	28.2	24.5	27.7	10
	09 - 11	27.8	34.5	29.2	14.9	12.3	10.4	13.0	10.4	15.1	20.9	26.8	24.0	19.9	10
	12 - 14	24.1	25.1	17.2	7.2	6.1	4.8	5.3	4.6	8.4	11.8	20.7	20.9	13.0	10
	15 - 17	23.9	23.8	12.3	6.3	5.6	4.4	4.5	3.0	5.6	9.0	19.8	20.2	11.5	10
	18 - 20	25.3	24.4	13.8	9.0	7.0	5.3	4.7	4.7	8.3	12.9	17.9	19.4	12.7	10
	21 - 23	24.6	25.9	17.3	12.2	10.3	10.6	9.7	7.4	11.0	16.6	21.3	20.5	15.6	10
	ALL	25.8	28.4	21.7	14.6	13.5	13.2	12.2	12.6	14.1	18.6	23.0	22.2	18.3	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	18.1	16.3	12.0	7.4	11.2	9.7	6.8	9.4	9.0	13.0	16.2	15.6	12.1	10
	03 - 05	19.4	17.8	16.8	13.7	19.0	21.0	13.9	18.4	14.1	18.2	16.8	15.8	17.1	10
	06 - 08	20.9	23.2	21.8	17.9	16.3	15.1	14.1	17.5	18.3	22.0	20.6	16.7	18.7	10
	09 - 11	21.9	23.2	17.8	6.8	5.8	3.9	6.1	4.9	8.2	12.8	16.0	15.7	11.9	10
	12 - 14	15.5	13.7	8.4	2.0	2.9	1.7	1.6	1.7	3.6	5.4	10.4	14.2	6.8	10
	15 - 17	14.9	14.1	5.5	2.2	2.6	1.2	2.0	1.6	2.0	4.2	10.7	13.3	6.2	10
	18 - 20	15.8	14.7	7.5	4.2	2.9	1.8	1.8	2.6	3.6	5.6	12.4	12.5	7.1	10
	21 - 23	16.6	12.5	9.4	5.3	6.2	4.6	3.3	4.0	5.8	9.9	14.9	13.3	8.8	10
	ALL	17.9	16.9	12.4	7.4	8.4	7.4	6.2	7.5	8.1	11.4	14.7	14.6	11.1	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.9	2.8	1.3	.8	1.3	.8	.9	2.6	1.0	4.3	5.0	4.6	2.5	10
	03 - 05	6.6	3.2	2.0	1.4	3.2	3.0	3.2	5.5	4.0	5.3	6.2	3.0	3.9	10
	06 - 08	5.7	4.6	3.8	1.8	1.0	1.4	1.9	3.2	5.1	5.8	6.0	2.8	3.6	10
	09 - 11	4.2	2.7	1.7	.2	.0	.1	.2	.2	1.1	2.5	3.4	3.3	1.6	10
	12 - 14	2.2	.8	.1	.0	.0	.0	.0	.0	.1	.5	1.8	2.5	.7	10
	15 - 17	2.8	.8	.0	.0	.0	.0	.0	.0	.0	.3	1.7	1.6	.6	10
	18 - 20	3.2	.9	.0	.0	.0	.0	.0	.1	.0	.4	2.2	2.5	.8	10
	21 - 23	4.7	1.8	.4	.1	.2	.0	.2	.6	.4	2.0	3.9	4.2	1.5	10
	ALL	4.3	2.2	1.2	.5	.7	.7	.8	1.5	1.5	2.6	3.8	3.1	1.9	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @															

DISTRIBUTION

2WW/DN, APO New York, 09094-5000	1
28WS/DON, APO New York, 09127-5000	1
Det 15, 28WS, APO New York 09127-5000	1
USAFETAC/LDD, Scott AFB, IL 62225-5438	1
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	10